ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1933-34.

12/10/49

BOMBAY:
THE TIMES OF INDIA PRESS

1934.

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020

ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1933-34.

133783

BOMBAY:
THE TIMES OF INDIA PRESS

1934.

00133783

CONTENTS.

PART I.

		PAGE
STANDING COMMITTEE'S "REVIEW" OF THE REPORT.....		i—vi
COMMISSIONER'S REPORT.....		1-23

Accompaniments.

1.	FINANCIAL ...	Report of the Chief Accountant, with Appendices ...	25-152
2.	REVENUE ...	Report of the Assessor and Collector...	153-163
		Report of the Town Duty Officer	165-167
3.	PUBLIC WORKS ...	Report of the City Engineer	169-197
		Architectural :—	
		Repairs to Municipal Buildings	169
		Municipal Building Construction	169-170
		Buildings :—	
		Private Building Construction (including set-backs)	170-173
		Mechanical :—	
		Workshops	173-174
		Pumping and Compressor Stations	174-176
		Inspection of Factories	177
		Works :—	
		(i) *Construction* :—	
		Roads and Drains (New Works)	177-181
		Asphalt Plant	182-184
		Improvement of Private Streets	184-185
		(ii) *Maintenance* :—	
		Repairs to Drains and Sewers	185-187
		Do. to Roads...	188-190
		Tramways	190
		Road Material	192
		Public Lighting	193-195
		Trust Schemes taken over	195-196
		Disposal of Town Refuse	197
4.	ESTATE AND LAND MANAGEMENT.	Report of the Deputy Muni. Commissioner (Impts.) .	199-237
		New Schemes	200-202
		Disposal of lands	202-204
		Collection of Revenue	204-205
		Land Acquisition and Management	205-206
		Mahim Development Schemes	206-207
		Appendices	208-237
5.	WATER WORKS ...	Report of the Hydraulic Engineer	239-243
6.	FIRE BRIGADE ...	Report of the Chief Officer	245-251
7	GARDENS... ...	Report of the Superintendent	253-257
8.	VICTORIA AND ALBERT MUSEUM.	Report of the Curator	259-261
9.	GENERAL STORES...	Report of the Storekeeper	263-265
10.	LICENSES... ...	Report of the Superintendent	267-273
11.	MARKETS ...	Report of the Superintendent	275-279
12.	K. E. M. HOSPITAL & G.S.M. COLLEGE.	Report of the Dean	281-316
13.	EDUCATION ...	Report of the Schools Committee	317-328
14.	AUDIT	Auditors' Reports	329-341

PART II.

15.	PUBLIC HEALTH...	Health Officer's Report	1-47
		Report of the Medical Officer-in-Charge, Arthur Road Hospital	51-57
		Report of the Medical Officer-in-Charge, Maratha Hospital	58-62
		Report of the Municipal Analyst	63-70
		Report of the Superintendent of Vaccination ...	71-72
		Vital Statistics of Health Officer's Report	73-112
		Summary of Sanitary Inspections	113
		Table showing Meteorological Data	114

Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1933-34.

Dr. Moreshwar C. Javle, J.P., was the Mayor of the Corporation and Mr. Jafferbhoy A. Lalljee was the Chairman of the Standing Committee during the year. Consequent upon the passing of Bombay Act XIII of 1933 the amalgamation of the Improvement Trust with the Municipality came into effect from 1st October 1933. The new Improvements Committee constituted in pursuance of that Act began to function from 7th November 1933 and Mr. Mohanlal M. Desai, B.A., LL.B., who was elected as its Chairman, held the office till the end of the year. The constitution of the Schools Committee was changed by Bombay Act VIII of 1932 and Dr. Mrs. Malinibai B. Sukthankar, M.B.B.S., was the Chairman of the newly constituted Schools Committee for the year.

During the year, the Corporation had to mourn the loss of five of their esteemed colleagues, *viz.*, Mr. P. J. Marzban, M.A., C.I.E., Mr. G. D. Billimoria, Mr. S. K. Nabiullah, B.A., LL.B., Dr. K. E. Dadachanji, L.M. & S. and Mr. B. N. Gamudia, B.A.

The Corporation presented an Address of Welcome to the Right Honourable Michael Herbert Rudolf Knatchbull Baron Brabourne, G.C.I.E., M.C., Governor-Designate of Bombay and an Address of Farewell to His Excellency the Right Honourable Sir Frederick Hugh Sykes, P.C., G.C.I.E., G.B.E., K.C.B., C.M.G., on his relinquishing the office of Governor of Bombay.

Commissioner.

2. Mr. H. K. Kirpalani, M.A., I.C.S., held the office of Municipal Commissioner throughout the year except for 3 weeks and 5 days from 8th May 1933 to 2nd June 1933 when he was on short leave. Mr. S. A. Shete, B.A., J.P., Deputy Municipal Commissioner, acted for Mr. Kirpalani during this period.

Financial.

3. Despite the slight improvement noticed during the first six months of the year in the trading conditions of the City and the increased activities in building operations which prevailed throughout the year, there was no appreciable change in the financial condition of the Municipality. The rates of taxation continued to be the same as those in the preceding year but the actual income of Rs. 314.16 lacs in the Municipal Account fell short of the original estimate by Rs. 3.16 lacs ; it was more however than the income of the previous year by Rs. 14.14 lacs. The actual expenditure of Rs. 325.52 lacs was Rs. 10.17 lacs less than the original estimate but was more than the expenditure of the preceding year by Rs. 3.83 lacs. There was thus a deficit of Rs. 11.36 lacs at the end of the year as against the budgeted deficit of Rs. 18.37 lacs for the year and the actual deficit of Rs. 21.67 lacs at the end of the previous year. Though the fourth successive year of deficits, it is satisfactory to note that the actual deficit was less than that of the previous year by Rs. 10.31 lacs. This reduction in the deficit is attributable to the efforts made to reduce expenditure. On account of the deficit the Surplus Cash Balance which inclusive of the minimum required by law stood at Rs. 17.06 lacs on 31st March 1933 dwindled to Rs. 6.89 lacs on 31st March 1934. The number of properties assessed in the City during the year was 47,749, the highest on record, but the incidence of taxation per head of population increased from Rs. 22-2-9 in the preceding 12 months to Rs. 22-7-7.

The actual income in the Improvements Schemes Account amounted to Rs. 97.36 lacs as against Rs. 81.47 lacs in the previous year, showing an increase of Rs. 15.89 lacs. The actual expenditure amounted to Rs. 110.11 lacs as against Rs. 111.41 lacs in the previous year, showing a decrease of Rs. 1.30 lacs.

Variations in income.

4. The total increases in income in the Municipal Account during the year as compared with the actuals of the preceding year and as shown in Appendix No. 3 to the Chief Accountant's Report amounted to Rs. 20.93 lacs and the decreases aggregated Rs. 6.79 lacs, showing a net increase of Rs. 14.14 lacs. The items which mainly contributed to the rise in revenue in the Municipal Account as compared with the revenue in the previous year were (1) General Tax, Rs. 2.03 lacs for various reasons; (2) Town Duties, Rs. 2.75 lacs due to larger imports; (3) Education, Primary, Rs. 1.02 lacs owing to the reduction by Government in the rate of cut from 20 to 14 per cent. in their grant; (4) Buildings, Land Acquisition and Management, Rs. 5.88 lacs owing to larger sales of lands and (5) Extraordinary Receipts, Rs. 4.58 lacs. The main decreases in income were in respect of (1) Tobacco Duty, Rs. 0.97 lac, the yield from the quadrupled duty being less than 4 times the previous year's receipts; (2) Interest on Investments, Rs. 0.59 lac and (3) Water Tax, etc., Rs. 0.89 lac due to reduced consumption of water by meter.

The main items which contributed to the increase in the General Account of the Improvement Schemes were (1) Municipal Contribution, Rs. 9.33 lacs; (2) Tobacco Duty, Rs. 4 lacs and (3) Interest and Profit on Investments, Rs. 2.76 lacs. As against these increases there was a decrease of Rs. 0.20 lac under Rents and other proceeds of properties and Miscellaneous.

Variations in expenditure

5. The gross increase in expenditure in the Municipal Account during the year as compared with the figures of the preceding year and as shown in Appendix No. 4 to the Chief Accountant's Report amounted to Rs. 12.55 lacs and the decreases aggregated Rs. 8.72 lacs, which, however, after adjustments were reduced to Rs. 10,79 and Rs. 6.96 lacs respectively, with the result that there was a net increase of Rs. 3.82 lacs in the expenditure of the year. The main factors which contributed to the increase in expenditure were (1) Contribution towards Improvement Schemes—Rs. 9.32 lacs due to additional contribution payable consequent upon the amalgamation of the Improvement Trust with the Municipality and (2) Contribution to the Pension and Provident Fund, etc.—Rs. 1.32 lacs. These increases were counterbalanced by decreases in expenditure of Rs. 1.75 lacs under General Superintendence; Rs. 0.39 lac under Water Works; Rs. 0.32 lac under Public Health; Rs. 0.64 lac under Medical Relief and Education; Rs. 0.60 lac under Street Cleansing, etc.; Rs. 1.25 lacs under Roads, Drains and Sewers; Rs. 1.30 lacs under Buildings, Land Acquisition and Management; Rs. 0.34 lac under Fire Brigade and of Rs. 0.37 lac under other heads.

Total demand of taxes, collections and outstandings.

6. The total net demand in respect of Property Taxes and Wheel Tax amounted to Rs. 2,62.91 lacs against Rs. 2,77.56 lacs for the preceding year, while the collections and outstandings aggregated Rs. 2,32.98 lacs and Rs. 29.93 lacs, respectively, against Rs. 2,51.84 lacs and Rs. 25.72 lacs for the year previous. Though the aggregate demand in respect of the taxes fell short of that of the preceding year by Rs. 14.65 lacs, the outstandings increased by Rs. 4.21 lacs. The percentage of collections to the net demand was 88.62 against 91.40 in the preceding year. It may be noted that these outstandings were further reduced by about Rs. 14 lacs by 1st July 1934.

Rateable value.

7. The total net rateable value of properties during the year amounted to Rs. 12,89.40 lacs against Rs. 12,97.33 lacs in the preceding year and Rs. 13,18.33 lacs in the year 1931-32, showing an aggregate fall of Rs. 28.93 lacs in two years. This fall in the rateable value of properties in spite of an increase in two years in the number assessed to General Tax from 36,551 in 1931-32 to 36,872 in 1932-33 and to 37,317 in 1933-34 indicates the extent to which the economic depression has affected the rents of properties in the City during this short period. The Assessor and Collector however points out that systematic revision of assessment during the last four years helped appre-

ciably in counteracting the effect of such depression and he supports this with a statement of such of the larger properties as on revaluation yielded an increase in assessment of Rs. 7.08 lacs which was equivalent to Rs. 1.29 lacs in taxes.

Riot Tax.

8. The work of collecting Riot Tax was continued during the year. In addition to the collections in respect of the riots that took place in the City from 1929 to 1931, the Municipality were called upon to collect riot tax in respect of two subsequent riots that took place in 1932 and 1933. This additional work involved the issue of 30,000 bills for Rs. 7.87 lacs, but the actual collection amounted to Rs. 6.04 lacs. With regard to the long outstanding question of compensating the Municipality for this additional work, Government have agreed to take steps to amend Section 45 of the City of Bombay Police Act so as to admit of a surcharge of 3 per cent. being added to cover short recoveries and cost of collection.

Capital Works.

9. The Budget provision for Loan Works including the amount of subvention was Rs. 10.08 lacs. Although the demand of Rs. 11.70 lacs made by the Departments in the Revised Estimates was cut down to Rs. 11.28 lacs, the actual expenditure booked amounted to Rs. 8.70 lacs. While the percentage by which actuals fell short of the Budget Estimates was 14, the percentage by which the actuals fell short of the Revised Estimates was 23, and is the lowest for the last 5 years. It is hoped that this improvement will be continued from year to year by the exercise of greater care and caution in making demands.

Loan Liabilities.

10. The loan liabilities were reduced from Rs. 17,09.24 lacs to Rs. 16,91.47 lacs during the year, Rs. 28.69 lacs were repaid to Government and the public and Rs. 0.57 lac to the Plant and Machinery Depreciation Fund and Renewal of Road Surface Fund. A provision of Rs. 12 lacs loan was made in the Budget for capital works during the year. The Corporation raised this amount by Rs. 1 lac for meeting charges on account of subvention granted for conversion of basket privies into water closets. Owing to savings accrued on the completed works, a loan of Rs. 11 lacs was considered sufficient. No loan was, however, raised but on the suggestion of the Commissioner an advance of Rs. 11 lacs was sanctioned by the Corporation from the Special Funds repayable with interest at 4 per cent. by 30 equated annual instalments. The amount of advance actually taken from the Special Funds during the year was Rs. 11½ lacs, comprising 3½ lacs being the balance out of the advance sanctioned in 1932-33 and Rs. 8 lacs out of the advance sanctioned in 1933-34, and this amount was utilized for completing the works that were in progress and for carrying out only those works which were urgently required for the health and sanitation of the City.

The loan liabilities of the Improvement Schemes at the beginning of the year stood at Rs. 17,21.82 lacs. During the year, Rs. 0.15 lac were repaid to Government on the basis of equated payments. The outstanding loan liabilities at the close of the year thus stood at Rs. 17,21.67 lacs.

Public Works.

11. In addition to the maintenance of Municipal properties and of those acquired in connection with the various development schemes, the responsibility of carrying out such work in respect of City Improvement Trust buildings devolved on the Architectural Branch of the Municipality. Though building materials and labour continued to be cheap during the year under review, the Municipal building activities were restricted owing to financial stringency and only important works such as a Museum at the Seth Gordhandas Sunderdas Medical College and Air Compressor Stations at Tulsi Pipe Line and Victoria Gardens and the extension of Air Compressor Station at Warden Road were carried out during the year at an aggregate cost of about Rs. 1.16 lacs. The road improvement programme was, however, carried out as in the preceding year. The number of applications received during the year for the erection of new private buildings and for alterations to existing ones was 2,967 against 2,992 in the preceding year.

12. The turn-over of the Workshops amounted to Rs. 1.76 lacs against Rs. 2.12 lacs in the previous year. Although the value of the jobs fell, the number carried out during the year rose from 3,450 to 3,999. This increase is due to the reorganization of the Workshops and to the turning out of all Departmental repair works at the Workshops, which is rendered possible by the revised method of debiting the standing charges of the Workshops to Revenue and levying a nominal charge of $3\frac{1}{8}$ per cent. on departmental jobs carried out in the Workshops, instead of a fixed charge of 70 per cent. which was found to be inadequate to meet the standing charges. It is satisfactory to note that as a result of the new arrangement the establishment charges have been reduced from Rs. 62,110 in the previous year to Rs. 46,088 during the year under review.

Workshops.

13. As a result of the repeated suggestion made by the Standing Committee in their past Reviews for maintaining a proper and complete register of Municipal properties, the Commissioner states that the work has been again taken in hand in the year under review. It is desirable that a brief report of the progress made with this work from time to time should be included in the annual Administration Report.

Inventory of Municipal properties.

14. As already stated, the amalgamation of the City Improvement Trust with the Municipality came into effect from 1st October 1933. This has thrown additional liabilities and responsibilities on the Municipality. The Municipal contribution to the Improvements Accounts has been raised from 2 to 3 per cent. of the net proceeds from the General Tax. The quadruplication of the Tobacco Duty and its apportionment in the proportion of 1 to 3 for Municipal and Improvement Trust purposes adversely affected the Municipal share of the duty, receipts from which in the year under review diminished by Rs. 0.96 lac as compared with those of the preceding year.

Amalgamation of the Improvement Trust with the Municipality.

As a result of the amalgamation, the Secretarial work of the Improvement Trust was transferred to the Municipal Secretary, the Engineering and Accounts Departments of the Trust were merged with those of the City Engineer and the Chief Accountant of the Municipality, respectively, the management of lands and estates belonging to both bodies was placed under the Estate Agent supervised by the Deputy Municipal Commissioner (Improvements), and the Stores Section was transferred to the Municipal Store-Keeper. This has resulted in a saving of Rs. 1.63 lacs. 1,45,332 square yards of Trust plots of the value of Rs. 26.81 lacs were permanently leased during the year as against 99,326 square yards of the value of Rs. 15.01 lacs in the preceding year. 49,037 square yards of Municipal land were sold for Rs. 11.11 lacs as against 46,456 square yards for Rs. 8.21 lacs during the preceding year.

15. The total receipts of the Market Department amounted to Rs. 11.21 lacs against Rs. 11.34 lacs in the preceding year. The decrease of Rs. 0.13 lac was mainly due to a fall in the rent receipts from Municipal Markets and in the Fair fees from the Bandra Slaughter House. Although there was a fall in the gross receipts from the Markets by Rs. 9,556, there was an increase of Rs. 20,290 in the net receipts, owing to reduction in expenditure.

Markets.

16. The City's vital statistics were greatly affected by the epidemic of small-pox which was unparalleled in severity in the history of the City; otherwise the general health of the City was good during the year under review. The number of live births which was 30,926 exceeded the number of deaths for the third time in succession. The number of deaths that took place in the City was 27,174 and was in excess by 4,318 of that of deaths in the previous year. This increase was mainly due to the heavy toll taken by the small-pox epidemic. As in the previous year, birth and death rates were highest among the poorer class of Hindus and lowest among Europeans. The total number of deaths amongst infants under 1 year was 8,320. The infant mortality rate was

Public Health.

269 per 1,000 against 218 in the preceding year. Plague accounted for 48 deaths against 37 in the preceding year and Cholera 17 against 7. Small-pox was in epidemic form for about 6 months and was the cause of 2,676 deaths against 313 in the previous year. The incidence of this epidemic was most felt in the months of February and March and in the age groups of 2 to 5 years and 20 to 30 years. Tuberculosis was responsible for 1,594 deaths as against 1,389 in the previous year. The mortality from Malaria was 71 against 76 in the preceding year. The incidence of Malaria is, however, not reflected so much in the number of deaths as in the number of attacks. The number of patients treated for Malaria in the Municipal institutions was 1,107 against 1,070 in the previous year while those admitted in different Institutions in the City was 12,004 as against 18,453. These figures show that there is some improvement in the incidence of Malaria due to preventive measures adopted by the Municipality.

K. E. M. Hospital and G. S. M. College.

17. The attendance at the King Edward Memorial Hospital continued to increase. The admission of in-patients had to be restricted during the year owing to financial stringency. Though the total number of such patients was 10,833 as against 10,515, the daily average was 354.5 against 360.2 in the preceding year. The highest number of in-patients under treatment on any particular day was 410 as against 427 in the previous year. The total number of out-patients also increased from 1,88,395 in the preceding year to 2,07,811 in the year under report, the corresponding daily average being 607.7 and 672.4 respectively. The highest number of out-patient attendance on any particular day during the year was 910 and the highest number of new admissions in the outdoor department on a single day was 387 as against 890 and 323, respectively, in the previous year. The average cost per in-patient per day was Rs. 3-0-8 and that per out-patient was Re. 0-7-2 as against Rs. 3-4-5 and Re. 0-8-3, respectively, in the preceding year. The average cost per in-patient admission was Rs. 36-2-3 as against Rs. 41-7-4 in the preceding year and the average cost per out-patient admission was Rs. 1-4-8 against Rs. 1-8-2 in the previous year. The decrease in the cost per in-patient per day was due to the Hospital being charged for water at a compounded rate applicable to charitable institutions instead of at the full rate as in the previous year and also to reductions of cost under diets, drugs and dressings. The reduction in the cost per out-patient per day was also due to the same causes and to the increase in the number of out-patients during the year. The arrangement of transferring from the K. E. M. Hospital unclaimed patients about to be discharged to the Helpless Beggars' Relief Committee's Camp at Rowli Hill, Matunga, was continued during the year and helped in relieving the congestion in the Hospital. The number of patients thus transferred during the year was 70.

The number of students in the G. S. M. College increased from 342 in the preceding year to 374 in the year under review. Of these, 25 were women students and 11 post-graduate students. The total expenditure on the College and Hostel was Rs. 2.14 lacs as against Rs. 2.21 lacs in the preceding year while the receipts amounted to Rs. 0.93 lac against Rs. 0.86 lac in the previous year. The net cost per student was Rs. 333 against Rs. 444 in the preceding year.

Dispensaries and Maternity Homes.

18. In the 14 Municipal Dispensaries new cases treated during the year were 97,439 against 80,129 in the preceding year and the total attendance of patients was 2,70,692 against 2,50,529 in the previous year. The number of cases confined in the Municipal Maternity Homes rose from 3,515 in the previous year to 4,226 in the year under review. 70.60 per cent. of the total births took place in Maternity Homes in the City against 63.51 in the preceding year.

Fire Brigade.

19. The aggregate number of calls answered by the Fire Brigade was 496 against 715 in the previous year. The ambulance in charge of the Brigade proved very useful. They attended 378 calls of accidents, 369 of Maternity cases and 1,387 hire calls. The receipts from hire amounted to Rs. 8,750 against Rs. 8,000 in the previous year.

Education.

20. The number of Municipal Schools and classes remained the same as in the previous year, *i.e.*, 350, while the number of pupils on rolls in Municipal Schools rose from 62,348 to 66,920 at the end of the year. The number of ordinary teachers increased from 2,125 to 2,175 while the number of special teachers was reduced from 165 to 158. The average cost per pupil calculated on the number of pupils on roll on the last day of the year fell from Rs. 46.6 to Rs. 45.1 and that calculated on the average number of pupils on roll throughout the year fell from Rs. 49.2 to Rs. 46.8. It is satisfactory to note that there has been gradual reduction in the cost per pupil during the last few years.

The number of Aided Schools fell from 178 to 164 but the number of boys attending these schools increased from 19,159 to 19,492. The average cost per pupil at these schools was Rs. 42.4 against Rs. 46.8 in the Municipal Schools. The Scheme for the introduction of free and compulsory primary education in F and G Wards continued to produce satisfactory results.

The census of non-attending children carried out in the middle of the year had revealed that the number of non-attending children of compulsory age was 4,617 but at the end of the year this number fell to 3,343. The total amount available for expenditure during the year to the Schools Committee including the net grant of Rs. 31.22 lacs made by the Corporation amounted to Rs. 32.24 lacs, while the actual expenditure amounted to Rs. 32.01 lacs leaving a balance of Rs. 0.23 lac. The introduction of Shift System on a large scale and cutting down of (1) allowances paid to Headmasters and teachers for work under the Shift System, (2) the contingent grants paid to schools and (3) the grants paid to Aided Schools resulted in an appreciable reduction in the cost per pupil. It is hoped that the laudable efforts made by the Schools Committee in reducing expenditure will be pursued and larger economies will be effected.

Municipal Auditors.

21. As in previous years the Municipal Auditors' report of the financial transactions is exhaustive and searching.

Acknowledgment.

22. In conclusion the Standing Committee desire to express their high appreciation of the very able and valuable services rendered by Mr. H. K. Kirpalani whose high administrative ability and financial acumen have been of great help to the Committee.

MUNICIPAL CORPORATION OFFICE,
BOMBAY, *5th December* 1934.

M. A. KARANJAWALA,
Chairman, Standing Committee.

Administration Report of the Municipal Commissioner for the City of Bombay for the year 1933-34.

CORPORATION, STANDING COMMITTEE, IMPROVEMENTS COMMITTEE AND SCHOOLS COMMITTEE.

Corporation.

Dr. Moreshwar C. Javle, J.P., was elected Mayor at the Meeting of the Corporation held on the 10th April 1933 and held that office throughout the year.

2. Ninety-three Meetings of the Corporation, including two Special and Adjourned Special Meetings and one hundred and sixty-nine Meetings of the Committees and thirty-eight Meetings of their Sub-Committees, other than those of the Standing Committee and the Improvements Committee were held. Councillors met twice at the Gateway of India for the presentation of Addresses of Welcome and Farewell, respectively, to the Right Honourable Michael Herbert Rudolf Knatchbull Baron Brabourne, G.C.I.E., M.C., Governor-Designate of Bombay and to His Excellency the Right Honourable Sir Frederick Hugh Sykes, P.C., G.C.I.E., G.B.E., K.C.B., C.M.G., retiring Governor of Bombay.

3. The changes that took place during the year in the personnel of the Corporation were as follows :—

Mr. W. R. S. Sharpe, M. Inst. T., J.P., resigned his seat from the 7th April 1933 and in his place Mr. G. E. Bennett, M.Sc., M.I.C.E., M.I.M.E., was appointed by Government from the 7th April 1933.

Mr. P. J. Marzban, C.I.E., M.A., J.P., died on the 11th April 1933 and in his place Mr. Behram N. Karanjia, J.P., was elected by the ratepayers of A Ward on the 16th May 1933.

Mr. Gustadji Dosabhai Billimoria died on the 3rd June 1933 and in his place Mr. Shiavax Cowasji Cambata, J.P., was elected by the ratepayers of G Ward on the 14th July 1933.

Dr. Dadiba Naoroji Saher, L.M. & S., J.P., was elected by the ratepayers of A Ward on the 16th May 1933 in the place of Sir Dinshaw Petit, Bart., J.P., who died on the 29th March 1933.

Mr. N. M. Dumasia, M.L.A., J.P., resigned his seat from the 20th July 1933 and in his place Mr. B. S. N. Cooper, J.P., was appointed by Government from the 13th September 1933.

Sir Patrick A. Kelly, Kt., C.I.E., resigned his seat from the 2nd September 1933 and in his place Mr. W. R. G. Smith, Bar-at-Law, J.P., was appointed by Government on the 2nd September 1933.

Mr. G. E. Bennett, M.Sc., M.I.C.E., M.I.M.E., resigned his seat from the 5th September 1933 and in his place Mr. W. R. S. Sharpe, M. Inst. T., J.P., was re-appointed by Government from the 5th September 1933.

Mr. S. K. Nabiullah, B.A., LL.B., Advocate, died on the 11th September 1933 and in his place Dr. Homi Framji Pavri, M.C.P.S., M.B., B.S., was elected by the ratepayers of D Ward on the 7th November 1933.

Dr. Kavasji Edulji Dadachanji, L.M. &. S., J.P., died on the 28th November 1933 and in his place Mr. Khurshed Framji Nariman, B.A., LL.B., Advocate, was elected by the ratepayers of D Ward on the 3rd February 1934.

Mr. Behramji Naorosji Gamudia, B.A., J.P., died on the 2nd December 1933 and in his place Sir Jamsetjee Jejeebhoy, Bart., was elected by the ratepayers of A Ward on the 8th February 1934.

4. The following Councillors were absent from the Meetings of the Corporation for the period shown against their names either due to illness or other causes approved by the Corporation under Section 17(*b*) of the Municipal Act :—

Name.	Period.
Mr. Abdul Latif Curtay, J.P.	From 19th June to 1st October 1933.
Mr. Ardeshir P. Sabavala, B.A., Bar-at-Law.	From 15th June to 8th October 1933.
Mr. H. P. Mody, M.A., LL.B., M.L.A. ..	From 15th June to 27th August 1933.
Mr. Kanji Dwarkadas, M.A., J.P.	From 4th May to 6th August 1933.
Mrs. Khadija Shuffi Tyabji, J.P.	From 27th April to 14th June 1933.
Miss Maniben L. Kara..	From 1st April to 18th June 1933.
Mr. N. M. Dumasia, M.L.A., J.P.	From 1st May to 19th July 1933.
Mr. P. J. Marzban, C.I.E., M.A., J.P. ..	From 1st April to 11th April 1933.
The Hon'ble Sir Phiroze C. Sethna, Kt., O.B.E.	From 24th April to 27th August 1933 and from 31st August to 6th December 1933.
Mr. Punjabhai Thackersey	From 1st April 1933 to 4th February 1934.
Mr. Ramji Bharmal Shah	From 1st April 1933 to 31st March 1934.
Dr. Sorab P. Mehta, B.A., L.M. & S., J.P...	From 5th February to 31st March 1934.
Mr. V. S. Velinkar, B.A., Bar-at-Law. ..	From 24th April to 27th August 1933.

Standing Committee.

5. Mr. Jafferbhoy A. Lalljee was elected Chairman of the Standing Committee at their Meeting held on the 7th April 1933 and held that office throughout the year.

6. There were fifty-two regular and nineteen Special Meetings of the Standing Committee and twenty-eight Meetings of the Sub-Committees thereof.

7. There were fifty attendances of Members for the Audit of Municipal Accounts and one hundred and eight for the signing of cheques.

Improvements Committee.

8. The amalgamation of the Improvement Trust with the Municipality as contemplated by Bombay Act XIII of 1933 came into effect from the 1st October 1933 but under Section 49J of the Act the then existing Improvements Committee continued to hold Office till the 7th November 1933 when the newly formed Improvements Committee began to function.

9. Mr. Mohanlal M. Desai, B.A., LL.B., was elected Chairman of the new Committee on 7th November 1933 and held that office until the close of the year.

10. There were two Meetings of the Improvements Committee as constituted prior to the amalgamation, and eleven Meetings of the new Improvements Committee and one Meeting of the Sub-Committee thereof.

Schools Committee.

11. As the constitution of the Schools Committee was changed by Bombay Act VIII of 1932, the Corporation appointed a new Schools Committee on 24th April 1933, according to the amended constitution.

12. Dr. Mrs. Malinibai B. Sukhthankar, M.B.B.S., J.P., was elected Chairman of the Schools Committee at their meeting held on 28th April 1933, and held that office to the end of the official year.

13. The number of Committee meetings held during the year was 49 and of the Sub-Committees 105.

14. List of Councillors who held office on the 31st March 1934 :—

MORESHWAR C. JAVLE, DR., *Mayor.*
JAFFERBHOY A. LALLJEE, MR., *Chairman, Standing Committee.*
MOHANLAL M. DESAI, B.A., LL.B., MR., *Chairman, Improvements Committee.*
MALINIBAI B. SUKTHANKAR, DR. MRS., M.B. B.S., *Chairman, Schools Committee.*

ABDUL LATIF CURTAY, MR.
A. R. DIMTIMKAR, MR.
C. W. E. ARBUTHNOT, MR., C.I.E., B.E., B.A. (R.U.I.).
A. P. SABAVALA, MR., B.A., BAR-AT-LAW.
B. T. DESAI, MR., B.A., LL.B.
B. S. N. COOPER, MR.
B. N. KARANJIA, MR.
B. G. PARELKAR, MR.
BYRAMJEE JEEJEEBHOY, SIR, KT.
CHIMANLAL MANCHUBHAI, MR.
J. A. COLLACO, DR., L.M.&S., M.L.C.
COOVERJI JETHABHAI SHAH, MR.
D. N. SAHER, DR., L.M. & S.
D. G. DALVI, MR., M.A., LL.B.
D. S. BABREKAR, MR., B.A., LL.B.
D. S. TYEBJEE, MR.
JOS. ALBAN D'SOUZA, CAPT., B.A., L.M. & S., I.M.S., M.L.C.
DOSTMAHOMED G. KHAIRAZ, MR.
E. R. HIRJIBEHEDIN, MR.
ALWYN EZRA, MR., F.R.G.S., F.Z.S.
G. V. DESHMUKH, DR., M.D. (Lond.), F.R.C.S. (Eng.).
GORDHANDAS GOCULDAS MORARJI, MR.
GOVINDLAL SHIVLAL MOTILAL, MR.
G. I. GRIFFITHS, MR.
GULAM HUSEIN A. SINGLE, MR.
HAJI ALIMAHOMED JALALUDDIN, MR.
HAJI HASHAM IBRAHIM, MR.
HAJI SHAIK MEHERBAKHSH HAJI KADAR-BAKHSH, KHAN BAHADUR, M.L.C.
HARILAL J. VORA, MR.
HAROON TARMAHOMED NOORANI, MR.
HOMI F. PAVRI, DR., M.C.P.S., M.B., B.S.
HOOSEINBHOY A. LALLJEE, MR.
HOOSENALLY M. RAHIMTOOLA, MR., B.A., M.L.C.
H. M. CHOWNA, MR.
H. P. MODY, MR., M.A., LL.B., M.L.A.
HUSEIN ABUBAKAR BAIGMAHOMED, MR.
ISHWARDAS LAKHMIDAS, MR.
ISMAIL MAHOMED JAFFER, MR.
JAGMOHANDAS K. MODI, MR., B.A.
JAMNADAS M. MEHTA, MR., M.A., LL.B., BAR-AT-LAW.
JAMSETJEE JEJEEBHOY, SIR., BART.
J. N. CHOKSY, DR., M.B., B.S.
JEHANGIR B. BOMON-BEHRAM, SIR., KT., B.A., LL.B.
KANJI DWARKADAS, MR., M.A.
KARMALI IBRAHIM, KHAN SAHEB, M.B.E.
KHADIJA SHUFFI TYABJI, MRS.
K. F. NARIMAN, MR., B.A., LL.B.
KHURSHED J. J. CURSETJI, DR., B.A., M.B.B.S., B. HY., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
K. H. GOREGAOKER, MR., B.A., LL.B.
L. G. PRADHAN, MR., B.A., LL.B.
L .R. TAIRSEE, MR.
MAHOMED SULEMAN MITHA, MR., M.L.C.
MAHOMEDBHAI A. MOONIM, MR.
MAHOMEDBHOY IBRAHIMBHAI ROWJEE, MR.
M. A. KARANJAWALA, MR., M.A., LL.B.
M. N. BALSARA, DR., L.M. & S., D.P.H. (Cantab.).
M. V. MEHTA, DR., O.B.E., B.A., F.R.C.P., F.C.P.S.
M. A. DABHOLKAR, MR.
MANIBEN L. KARA, MISS.
M. N. TALPADE, MR., B.A., LL.B.
M. L. DAHANUKAR, MR.
MOHAMED EBRAHIM SERANG, MR.
MOHAMED I. CURTAY, KHAN BAHADUR.
M. M. KILLEDAR, MR.
MOHAMED UMER ABDOOL RASUL, MR.
MOHAMED UMER RAJAB, MR.
MOHAMEDALLY ALLABUX, MR.
M. V. DONDE, MR., B.A.
E. MOSES, DR., M.D.
M. B. VELKAR, DR., L.M.&S.
M. J. DANDEKAR, MR.
N. M. KALE, MR., B.A., LL.B., S.T.C.D.
NANABHAI LUXUMON, MR.
MEYER NISSIM, MR., M.A.
PHIROZE C. SETHNA, THE HON'BLE SIR, KT., O.B.E.
POONSEY H. MEISHERI, DR. F.C.P.S., L.M. & S.
PUNJABHAI THACKERSEY, MR.
P. G. SOLANKI, DR., L.M. & S., M.L.C.
RAJARAM K. VAIDYA, MR., B.A.
RAMCHANDRA A. GOLE, MR.
RAMCHANDRA M. BHAT, MR., C.B.E.
R. S. ASAVALE, RAO BAHADUR, M.L.C.
RAMJI BHARMAL SHAH, MR.
S. G. KENI, MR.
S. K. BARODAWALLA, MR.
SAYAJI BHUMAJI AWAR, MR., M.A., LL.B.
SHANKAR SAMBHAJI GANGLA, MR., B.A.
SHANTABAI DAUNDKAR, MISS, B.A.
S. C. CAMBATA, MR.
W. R. S. SHARPE, MR., M.Inst.T.
SHIVDAS C. THAKKAR, MR.
SITARAM BHAURAM KENY, MR.
S. C. JOSHI, MR., M.A., LL.B.
S. K. BOLE, RAO BAHADUR, M.L.C.
W. R. G. SMITH, MR., BAR-AT-LAW.
A. SOARES, MR., M.A., LL.B.
SOHRAB R. DAVAR, PROF., BAR-AT-LAW.
SORAB P. MEHTA, DR., B.A., L.M. & S.
SOONDERDAS MORARJI, MR.
SULTAN M. CHINOY, MR.
SYED MUNAWAR, MR., B.A., M.L.C.
VASANT S. VELINKAR, MR., B.A., BAR-AT-LAW.
V. G. RAO, PROF., B.A., LL.B. (Cantab.), BAR-AT-LAW. O.A.
V. N. CHANDAVARKAR, MR., B.A. (Cantab.), BAR-AT-LAW.
V. N. VEDAK, MR., B.A., LL.B.
VITHALDAS D. GOVINDJEE, MR.
C. P. G. WADE, MR.
Y. G. PANDIT, MR.

LIST OF MEMBERS OF THE STANDING COMMITTEE FOR 1933-34.

JAFFERBHOY A. LALLJEE, MR., *Chairman.*

C. W. E. ARBUTHNOT, MR., C.I.E.
A. P. SABAVALA, MR.
J. A. COLLACO, DR.
G. I. GRIFFITHS, MR.
HOOSENALLY M. RAHIMTOOLA, MR.
K. H. GOREGAOKER, MR.
L. R. TAIRSEE, MR.
M. A. KARANJAWALA, MR.
MOHANLAL M. DESAI, MR.
POONSEY H. MEISHERI, DR.
R. M. BHAT, MR., C.B.E.
W. R. G. SMITH, MR.
SORAB P. MEHTA, DR.
V. G. RAO, PROF.
V. D. GOVINDJEE, MR.

LIST OF MEMBERS OF THE IMPROVEMENTS COMMITTEE FOR THE PERIOD FROM NOVEMBER 1933 TO MARCH 1934.

MOHANLAL M. DESAI, MR., *Chairman.*

C. W. E. ARBUTHNOT, MR., C.I.E.
B. G. PARELKAR, MR.
GORDHANDAS G. MORARJI, MR.
JAFFERBHOY A. LALLJEE, MR.
JEHANGIR B. BOMON-BEHRAM, SIR, KT.
MEYER NISSIM, MR.
POONSEY H. MEISHERI, DR.
R. M. BHAT, MR., C.B.E.
S. K. BARODAWALLA, MR.
S. B. AWAR, MR.
W. R. S. SHARPE, MR.
S. K. BOLE, RAO BAHADUR.
SOHRAB R. DAVAR, PROF.
SULTAN M. CHINOY, MR.
SYED MUNAWAR, MR

MEMBERS OF THE SCHOOLS COMMITTEE FOR 1933-34.

DR. MRS. MALINIBAI B. SUKTHANKAR, *(Chairman)*.

DR. KHURSHED J. J. CURSETJI.
MRS. KHADIJA SHUFFI TYABJI.
DR. P. G. SOLANKI.
MR. ABDUL LATIF CURTAY.
MR. R. A. GOLE.
MR. M. V. DONDE.
MR. NAGESH MAHADEV KALE.
RAO BAHADUR R. S. ASAVALE.
MISS SHANTABAI DAUNDKAR.
MR. S. K. NABIULLA, died on 11th Sept. 1933.
MR. GULAMHUSEIN A. SINGLE, elected in his place.
MR. HAJI HASHAM IBRAHIM.
MRS. LILAVATI V. S. VELINKAR.
MR. V. C. SETALWAD.
MR. CASSUMALLY J. RAHIMTOOLA.
MRS. NALINIBAI V. DALVI.

15. Mr. H. K. Kirpalani, M.A., I.C.S., held charge of the office of the Municipal Commissioner throughout the year, except for the period between 8th May 1933 to 2nd June 1933, when he was on leave and Mr. S. A. Shete, B.A., J.P., acted for him.

16. Mr. S. A. Shete, B.A., J.P., held the office of the Deputy Municipal Commissioner throughout the year, except during the period of his officiating appointment as Municipal Commissioner.

17. Mr. H. B. Shivdasani, M.A. (Cantab.), J.P., held the office of the Deputy Municipal Commissioner (Improvements) from 1st October 1933, the date of the amalgamation of the Improvement Trust with the Municipality.

II.—Heads of Departments.

18. Dr. Jivraj N. Mehta, M.D. (Lond.), M.R.C.P. (Lond.), Dean, King Edward Memorial Hospital and Seth Gordhandas Sunderdas Medical College, was on leave from 3rd March 1932 to 21st December 1933 and Dr. V. R. Khanolkar, B.Sc. (Lond.), M.D. (Lond.), Professor of Pathology and Bacteriology, acted as Dean during the period.

19. Mr. M. R. Tambe, B.A., L.C.E., F.S.A.A., A.I.A., Chief Accountant, was on leave from 8th May 1933 to 23rd December 1933, and Mr. V. V. Shaligram, B.A., acted in his place during the period.

20. Mr. W. A. Niven, A.M.I.C.E., M.I.E., Hydraulic Engineer, was on combined leave from 2nd September 1932 to 1st October 1933, and Mr. N. V. Modak, B.E. (Bom.), A.M.I.C.E., M.I.E. (India), M.R. San. I. (Eng.), Deputy City Engineer, was appointed to act as Hydraulic Engineer vice Mr. Niven.

21. Mr. E. A. Nadirshah, B.A., B.E., B.Sc. (Edin.), A.M.I.C.E., A.M.I.E. (India), F.I.S.E. (Lond.), Assistant Engineer 1st Grade, was appointed to act as Deputy City Engineer vice Mr. Modak.

22. Mr. D. N. Baria, L.C.E., M.I.E., Executive Engineer to the late Improvement Trust continued as such from 1st October 1933 to 30th November 1933 when he was appointed to the post of Assistant Engineer, 1st grade, newly created for looking after the upkeep of the Trust and Municipal buildings and for the supervision of the Lessees' buildings on the Trust estates.

23. Mr. H. G. Mhatre, L.C.E., A.M.I.E., held the post of the Estate Agent from 1st October to 30th November 1933 when he retired and was succeeded by Mr. H. M. Abhyankar, L.C.E., who held the post during the remaining period of the year.

24. Mr. N. S. Kowshik, B.A., J.P., Assessor and Collector, was on leave from 18th April 1933 to 17th August 1933 and Mr. S. N. Thosar, B.A., LL.B., acted in his place during the period.

25. Mr. R. V. Parulekar, M.A., M. Ed. (Leeds), J.P., Secretary, Schools Committee, was on leave from 5th June 1933 to 24th September 1933. He was again on leave from 10th February 1934 to 9th March 1934. Mr. N. G. Limaye, B.A., L.T., Superintendent, Marathi Boys' Schools, acted in his place during his leave period.

26. Mr. M. K. Variava, L.C.E., Chief Storekeeper, was on leave from 8th May 1933 to 7th June 1933 and Mr. D. D. Asli, Assistant Storekeeper, looked after the duties of the Chief Storekeeper during his leave.

27. The following officers continued in their respective appointments throughout the year :—

Mr. T. K. Roddan, M. Inst. M. & C.E., City Engineer.

Dr. J. S. Nerurkar, B.Sc., L.M. & S., D.P.H., Executive Health Officer.

Mr. E. G. Cameron, M.I.M.E., M.I.E.E., M.R.S.T., 1st grade Assistant Engineer, Mechanical Branch.

Mr. N. Coombs, L.C.C. (England), Chief Officer, Fire Brigade.

Capt. C. M. Flanders, V.S.R., A.V.C., Superintendent of Markets.

Mr. A. V. Sabnis, B.A., J.P., Municipal Secretary.

Mr. K. P. Guzdar, Superintendent of Licenses.

Mr. M. J. Antia, B.A., Town Duty Officer.

Mr. D. S. Laud, G.B.V.C., Superintendent of Gardens.

Mr. D. A. Pai, B.A., Curator, Victoria and Albert Museum.

III.—General.

28. The outstanding event of the year was the amalgamation of the City Improvement Trust with the Municipality which came into effect from 1st October 1933. This was brought about by Bombay Act XIII of 1933. The amalgamation necessitated the merger of analogous departments, and the Land Manager's department of the Municipality was combined with the Estate Agent's department of the Trust and placed in charge of the Estate Agent. The Engineering and Accounts departments of the Trust were placed under the City Engineer and the Chief Accountant of the Municipality respectively. The Stores section was transferred to the Municipal Storekeeper and the secretarial work to the Municipal Secretary. As a result of this amalgamation duplication of work was avoided and a saving of Rs. 1,63,000 effected. The union devolved new responsibilities on the Municipality, which had to raise its contribution to the Improvements Accounts from 2 per cent. to 3 per cent. of the net proceeds from the General Tax. It also involved some loss to the Municipal Account from the proceeds of the tobacco duty. But it has made for common control and elimination of waste, and the assumption of these new responsibilities by the Municipality should result in appreciable economies which will help to achieve equilibrium in the Improvements Accounts .

IV.—Financial.

General.

29. The Municipal finances showed ~~no signs of~~ recovery in spite of feverish building activity in the City. The latter was due more to the fall in the return from gilt-edged securities than to a return of prosperity. The new houses caused more vacancies in the old and thus only helped to maintain equilibrium in the receipts from the General Tax. The fortunes of the City are closely linked with the local textile industry and the import and export trade of the Port. The mill industry was handicapped by labour disputes, strikes and foreign competition. 25 Cotton mills in the first half of the year and 32 in the second half, were compelled to close down and several others worked part time. This necessitated a refund of General and Halalkhore Taxes to the extent of Rs. 87,583, and a loss of Rs. 96,027 in water revenue. The question of the discount on account of trade depression is still under dispute and may involve a further loss of Rs. 1·30 lakhs, or more, as may be decided by the Court. The Port trade showed some signs of improvement in the first 6 months of the year, but the protective duties imposed to safeguard indigenous industries and the retaliatory measures adopted by other countries adversely affected the trade returns of the latter half of the year. The value of the Port trade fell by 6 per cent. although the volume increased by 12 per cent. Equally with the

economic depression, the Port trade was affected by diversion of traffic to cheape ports on the western sea board. Cotton found not only new outlets, but other means of avoiding the town duty by detraining at Mumbra and being taken in country barges to the ships in the harbour of Bombay. This severely affected the Port Trust, and on their representation Government decided towards the end of the year to abolish the cotton duty and thus prevent the diversion of trade. The relief thus given to the Port Trust is to some extent at the expense of the Municipality, which will lose about 9 lakhs per year in the shape of cotton duty.

Estimates and Actuals of Income and Expenditure.

30. According to the Budget Estimates the income, expenditure and deficit for the year were estimated at Rs. 317·32 lakhs, Rs. 335·69 lakhs and Rs. 18·37 lakhs respectively. The actual income realised was Rs. 314·16 lakhs; by economies, expenditure was brought down to Rs. 325·52 lakhs, and the year ended with a deficit of Rs. 11·36 lakhs.

Variations in Income.

31. The actual income during the year, *viz.* Rs. 314.16 lakhs, shows an increase of Rs. 14·14 lakhs over that of the previous year *viz.* Rs. 300·02 lakhs. The total increase was Rs. 17·67 lakhs against which there were decreases amounting to Rs. 3·53 lakhs. The main increases were in respect of General Tax Rs. 2.03 lakhs, Town Duties Rs. 2·75 lakhs, Education Primary Rs. 1·02 lakhs, Buildings, Land Acquisition and Management Rs. 5.88 lakhs and Extraordinary Receipts Rs. 4.58 lakhs. The main decreases were in respect of Tobacco Duty Rs. 0.97 lakh, Interest on Investments Rs. 0.59 lakh, and Water Tax, &c., Rs. 0.89 lakh.

Details of expenditure.

32. The actual expenditure for the year, *viz.* Rs. 325.52 lakhs shows an increase of Rs. 3.83 lakhs over that of the previous year, *viz.* Rs. 321.69 lakhs. The total increases in the expenditure amounted to Rs. 10.79 lakhs, *viz.* Rs. 9.32 lakhs under contribution towards Improvement Schemes, Rs. 1.32 lakhs under Provident Fund, Pensions, &c., and Rs. 0.15 lakh under other heads. Against these, the decreases in expenditure amounted to Rs. 6.96 lakhs, *viz.* Rs. 1.75 lakhs under General Supervision, Rs. 0.39 lakh under Water Works, Rs. 0.32 lakh under Public Health, Rs. 0.64 lakh under Medical Relief and Education, Rs. 0.60 lakh under Street Cleansing and Conservancy, Rs. 1.25 lakhs under Roads, Drains, and Sewers, Rs. 1.30 lakhs under Buildings, Land Acquisition and Management, Rs. 0.32 lakh under Fire Brigade and Rs. 0.37 lakh under other heads.

Incidence of Taxation.

33. The incidence of taxation per head for the year comes to Rs. 22–7–7 against Rs. 22–2–9 for the preceding year.

Surplus Cash Balance.

34. The net unhypothecated Surplus Cash Balance on 31st March 1934 including the minimum required by law, was Rs. 6.89 lakhs against Rs. 17.06 lakhs on 31st March 1933 there being a decrease of Rs. 10.17 lakhs.

Stores on hand.

35. The balance of stock including surplus and obsolete stores on 31st March 1934 was valued at Rs. 6.10 lakhs against Rs. 6.79 lakhs at the close of 1932–33, showing a decrease of Rs. 0.69 lakh.

Expenditure Grants.

36. The total amount of grants including renewed and additional grants was Rs. 339·94 lakhs while the expenditure amounted to Rs. 325·52 lakhs leaving an unexpended balance of Rs. 14·43 lakhs. Out of this, grants aggregating Rs. 4·23 akhs were required to be renewed for expenditure in 1934–35 while Rs. 10·20 lakhs were treated as savings.

37. Additional grants sanctioned during the year aggregated Rs. 0·76 lakh against Rs. 1·24 lakhs in 1932–33.

Loan Works Expenditure.

38. The expenditure on Capital Works during the year amounted to Rs. 9.87 lakhs.

Loans floated during the year.

39. *In the Budget for 1933–34 provision had been made for a loan of Rs. 12 lakhs and an additional Rs. 1 lakh was sanctioned later for subvention granted for conversion of basket privies into water closets. It was subsequently found necessary to raise Rs. 11 lakhs only. Instead of raising the money from the public an advance from Special Funds at 4 per cent. was sanctioned. The amount actually taken from the Special Funds was Rs. 11½ lakhs, comprising Rs. 3½ lakhs balance out of the advance of Rs. 13 lakhs sanctioned for 1932–33, and Rs. 8 lakhs out of the advance of Rs. 11 lakhs sanctioned for 1933–34.*

Loan Liabilities.

40. Reduction of debt during the year amounted to Rs. 29.27 lakhs. The loan liabilities of the Corporation at the close of the year stood at Rs. 1691.47 lakhs. The total Sinking Fund Investments upto 31st March 1934 amounted to Rs. 290.72 lakhs.

Improvement Schemes.

General Account.

Estimates and Actuals of Income and Expenditure.

41. The income, expenditure and deficit for the year as per Revised Estimates were Rs. 98.03 lakhs, Rs. 113.26 lakhs and Rs. 15.23 lakhs respectively. Against these, the actuals recorded were :— Income Rs. 97.36 lakhs (Rs. 100.42 lakhs less Rs. 3.06 lakhs credited on account of the cost of management chargeable to Capital Account), Expenditure Rs. 110.11 lakhs (Rs. 113.17 lakhs less Rs. 3.06 lakhs cost of management chargeable to Capital Account) and the deficit Rs. 12.75 lakhs.

Variations in Income.

42. The actual income for the year, *viz.*, Rs. 97.36 lakhs shows an increase of Rs. 15.89 lakhs over that of the preceding year, *viz.*, Rs. 81.47 lakhs. The main items contributing to the increase were (1) Municipal Contribution towards Improvement Schemes Rs. 9.33 lakhs, (2) Tobacco Duty Rs. 4 lakhs and (3) Interest and profit on Investments Rs. 2.76 lakhs, partly set off by a decrease of Rs. 0.20 lakh under Rents and other proceeds of properties and Miscellaneous.

Details of Expenditure.

43. The actual expenditure for the year, *viz.*, Rs. 110.11 lakhs shows a decrease of Rs. 1.30 lakhs over that of the previous year, *viz.*, Rs. 111.41 lakhs. The decrease represents savings in Establishment charges.

Capital Account.

Expenditure on Schemes.

44. The expenditure on Capital works during the year amounted to Rs. 3.92 lakhs.

Loans Floated in the year.

45. In the revised budget estimate for the year, provision was made for a loan of Rs. 5 lakhs, but there being sufficient balance in the Capital Account no loan was actually raised.

Loan Liabilities.

46. Reduction of debt during the year amounted to Rs. 0.15 lakh. The loan liabilities of the Improvement Schemes at the close of the year stood at Rs. 1721.68 lakhs. The total Sinking Fund Investments upto 31st March 1934 amounted to Rs. 191.10 lakhs.

47. A comparison of the net revenue and the net expenditure for 1932–33 and 1933–34 is shown below in accordance with Standing Committee Resolution No. 12212, dated 3rd February 1892 :—

Particulars.	1932–33.	1933–34.
	Rs.	Rs.
Net revenue after deducting refunds, drawbacks and charges in respect of assessment and collection and granting of refunds.—		
General Tax	1,17,07,604	1,19,13,764
Town Duties	9,95,849	12,75,662
Cotton Import Duty	8,28,856	8,86,189
Music, etc., and Liquor Licenses and Tobacco Duty ..	4,98,239	4,00,293
Returns from Property and Miscellaneous	11,43,226	10,41,017
Wheel Tax and Tolls	10,70,340	10,57,393
Fire Tax	2,14,763	2,57,584
Markets and Slaughter Houses	4,89,360	4,94,332
Licensing and Removal of Encroachments, &c. ..	2,00,039	2,47,618
Contribution from Capital Funds to Revenue on account of Loan Works staff	35,393	27,906
Extraordinary receipts	....	4,57,880
Total ..	1,71,83,669	1,80,59,638
Deficit ..	21,66,736	11,35,628
Total ..	1,93,50,405	1,91,95,266
Net expenditure after deducting receipts.—		
General Superintendence	4,21,354	4,13,382
Water Works	2,20,579	2,69,190
Education, Primary	27,23,608	26,10,715
Education, Secondary	52,657	50,268
Public Health Department	8,84,426	8,64,210
Medical Relief and Education	20,03,180	19,79,019
Street Cleansing and Conservancy, Road Watering and Halalkhore Service	Cr. 1,37,927	Cr. 2,00,458
Roads, Drains and Sewers (including Public Lighting).	59,53,872	57,95,179
Mechanical	11,28,916	11,33,706.
Buildings, Land Acquisition and Management ..	22,26,754	15,08,746
Gardens and Open Spaces	4,03,999	3,97,414
Miscellaneous	2,99,933	1,40,326
Contribution to the City Improvement Trust	23,52,242	32,84,740
Provident Fund, Pensions, Gratuities and Compassionate allowances	8,16,812	9,48,829
Total ..	1,93,50,405	1,91,95,266

V.—Assessment and Collection.

Rates of Taxation.

48. The rates of taxation remained unaltered during the year, General tax continuing at 11 per cent., Fire tax at $\frac{1}{2}$ per cent., Water tax at $3\frac{3}{4}$ per cent., and Halalkhore tax at 3 per cent. There was also no variation in the rates for the supply of water by meter measurement. The concession of charging a compounded water tax at $1\frac{1}{2}$ per cent. to schools, etc., which were not exempted from the General tax was withdrawn, resulting in an increase of revenue of Rs. 25,000 p.a.

Number of Properties.

49. The number of properties registered in the Assessment book at the close of the year was 47,749 against 47,255 in the preceding year. The number of buildings increased from 36,988 to 37,402 and that of lands, including tanks and wells, from 10,199 to 10,279, while the number of salt-pans remained stationary at 68. Properties newly erected, demolished or enlarged numbered 1,053, 1,013 and 887 respectively against 731, 672 and 604 in the preceding year, showing a revival of building activity which was presumably due to the drop in the return from gilt-edged securities and cash deposits in Banks. The number of chawls built during the year was 185 and the tenements therein 3,385, while other residential buildings constructed were 163 and the tenements therein 1,253. Of the total number of properties in the City those that were assessed for the General tax were 37,317, while 1,482 were exempted and 7,280 were not taxed being small plots of waste land. The latter do not include waste lands belonging to Government, City Improvement Trust, Port Trust and Railways, which are separately assessed. The number of Municipal properties exempted from assessment was 1,670.

Demand, Collection and Outstanding.

50. The net demand in respect of property taxes was Rs. 254·75 lakhs and the collection Rs. 225·72 lakhs leaving an outstanding of Rs. 29·03 lakhs against the corresponding figures of Rs. 269·62 lakhs, Rs. 244·52 lakhs and Rs. 25·10 lakhs in the preceding year. The percentage of outstandings to net demand rose from 9.31 to 11.39. The net demand in respect of wheel tax was Rs. 8·16 lakhs and the collection Rs. 7·27 lakhs leaving a balance of Rs. 0·89 lakh against the corresponding figures of Rs. 7·94 lakhs, Rs. 7·32 lakhs and Rs. 0·62 lakh in the previous year. The percentage of wheel tax outstandings to net demand rose from 7.83 to 10.97. Although the aggregate net demand was less than that of the previous year by Rs. 14·65 lakhs, the outstandings were more by Rs. 4·21 lakhs. The percentage of collections to the net demand was 88.62 against 91.40 in the preceding year, indicating the effect of depression.

Details of Outstandings.

51. Of the total outstandings at the end of the year *viz.* Rs. 29.93 lakhs, Rs. 5.52 lakhs were due from Government, Rs. 4.40 lakhs from the G.I.P. Railway, Rs. 3.05 lakhs from mills, 0.73 lakh from the City Improvement Trust, 0.38 lakh from the B. B. & C. I. Railway, 0.004 lakh from the Port Trust and Rs. 15.82 lakhs from other ratepayers. By the end of June 1934, however, Government cleared their outstandings according to the understanding given by them that they will pay the taxes in arrear, the G. I. P. Railway paid only about Rs. 0.12 lakh of their outstandings, mills and the City Improvement Trust about $\frac{1}{3}$rd, the B. B. & C. I. Railway about 1/19th and the public about one half. The total outstandings were thus reduced by the end of June from Rs. 29.93 lakhs to Rs. 15.58 lakhs.

Drawbacks and Refunds.

52. The number of claims for 1/5th drawback received during the year was 9,959 against 9,746 in the preceding year and the remissions allowed in respect of them amounted to Rs. 3·40 lakhs against Rs. 3·64 lakhs in the previous year. Refunds granted during the year amounted to Rs. 5·00 lakhs against Rs. 9.48 lakhs in the preceding year. This difference of about Rs. 4·48 lakhs is due to the fact that the arrears of refund due to mills for 1929-30, 1930-31 and 1931-32 were paid in 1932-33 along with the refund due for that year.

Rateable value.

53. The total rateable value of properties during the year was Rs. 1289·40 lakhs against Rs. 1297·33 lakhs. The rateable value in the City is steadily falling since 1931-32, but this fall was appreciably counteracted by a systematic revision of assessment. Considering only such properties as yielded on revaluation an increase of Rs. 5,000 or more in rateable value the increase secured by such revision since 1930-31 was over 7 lakhs, equivalent to Rs. 1·29 lakhs in taxes per year. There were 966 complaints against assessments amounting to Rs. 116·55 lakhs gross fixed during the currency of the year ; on investigation these assessments were reduced to Rs. 106·6 lakhs. There were besides 6,185 complaints against

original assessments amounting to Rs. 296·35 lakhs gross; on investigation these assessments were reduced to Rs. 274·46 lakhs. The percentage of these reductions amounted to 9·00 and 7.39 respectively against 12.23 and 6.91 in the preceding year.

Riot Tax.

54. In addition to Riot tax collections in respect of riots that took place in 1929, 1930, 1931, involving about 8 lakhs and necessitating issue of 25,292 bills, the work of which was proceeding, the Municipality was called upon to collect riot tax in respect of two more riots that occurred in 1932 and 1933 involving an amount of Rs. 20·63 lakhs and issue of bills numbering about 30,000. Out of the aggregate compensation of Rs. 7·87 lakhs awarded in connection with the former, Rs. 6·04 lakhs were collected upto the close of the year. The work in connection with the issuing of bills in regard to the latter was in progress during the year. All this additional work was performed by the staff without any addition to their emoluments. With a view to relieving this Municipality of this odious and onerous work several representations were made to Government, but without effect. Government have however agreed, after amending Sec. 45 of the City of Bombay Police Act, to allow the Corporation to add a surcharge of 3 per cent. to cover short recoveries and cost of collection.

Miscellaneous.

55. The dispute with regard to the assessment of vacant lands belonging to the Port Trust was settled during the year, the Trustees agreeing to pay General tax thereon on the value fixed by the Municipality. Hitherto the structures erected by monthly tenants of the Port Trust were assessed in their respective names, the Trustees making up the dues from the defaulting tenants. As this was found to be bad in law, the Trustees agreed to the tenancies being assessed in the name of the Port Trust. The City Improvement Trust properties were taken over by the Municipality owing to amalgamation. The revision of assessment of the G. I. P. Railway properties was under way; the B. B. & C. I. Railway also complained against the assessment fixed. Owing to depression and competition a number of mills were closed during the year. The loss to Municipal revenue on account of this was Rs. 1·84 lakhs. The mills claimed on account of the depressed condition of the industry a remission of 40 per cent. against 15 per cent. granted to them in the previous year. After investigation, they were offered a rebate of $10\frac{2}{3}$ per cent. with which, however, they were not satisfied and they have accordingly filed appeals in the Small Causes Court.

VI.—Town Duties.

Revenue from Town Duties.

56. The rates of Town duties during the year were the same as in the previous year. The gross collections and refunds amounted to Rs. 24·62 lakhs and Rs. 9·69 lakhs respectively against Rs. 22·16 lakhs and Rs. 9·63 lakhs in the preceding year. There was thus a net increase of Rs. 2·40 lakhs in the Town duty receipts. The receipts from beer, ghee and ghee-substitutes, timber and firewood fell, while those from grain, sugar, wines and spirits increased. The fall in beer duty was due to larger imports of toddy, in the duty on ghee and its substitutes to the opening of a factory for manufacturing vegetable products in the City and to smaller imports of whale oil, which was being used as a ghee-substitute, from Japan owing to the increase in the Customs duty thereon, in firewood duty owing to depression in the mill industry and gradual displacement of this commodity by charcoal, gas, oil and electricity, in timber duty owing to refunds in the previous year being passed in the current year. The total number of refund claims was 34,497 against 34,997 in the preceding year. Proposals for revision of the Town Duty Schedule and the system of making refunds were made during the year.

Duty on Cotton.

57. The receipts from the (non-refundable) Town duty on raw cotton and the Municipal share thereof amounted to Rs. 20.68 lakhs and Rs. 8·86 lakhs, respectively, against Rs. 19·34 lakhs and Rs. 8·29 lakhs in the preceding year. The Municipal share of the receipts increased during the year by Rs. 0·57 lakh.

58. This department is also entrusted with election work. During the year there were 5 bye-elections of which 3 were contested.

Elections.

VII.—Public Works.

Architectural Branch.

59. The number of Municipal properties and of those acquired in connection with the various development schemes continued to be the same as in the preceding year, *viz.*, 540 and 243 respectively. In addition to the repairs and maintenance of these buildings, the responsibility for carrying out such work in respect of City Improvement Trust buildings devolved on this branch owing to the amalgamation of the Trust with the Municipality. The rates of petty works contractors for repairs, etc., were slightly higher, and those for painting slightly lower, than in the preceding year. The cost of such works during the year amounted to Rs. 1·34 lakhs against Rs. 1·58 lakhs in the preceding year. Although conditions for renewed building activity were favourable owing to cheap labour and materials, Municipal activity in this direction continued to be limited by financial stringency. Only essential works were therefore carried out during the year, *viz.*, a museum at the Seth Gordhandas Sunderdas Medical College from Seth Jamnadas Lalubhai Charities, and Air Compressor Stations at Tulsi Pipe Line and Victoria Gardens and extension of Air Compressor at Warden Road from Municipal funds.

Municipal building construction.

Buildings Branch.

60. The number of applications received during the year for erection of new buildings and for alterations to existing ones was 2,967 against 2,992 in the preceding year. The number of applications for construction of new buildings was the highest during the last quinquennium, being 839; this showed renewed activity in the building line. The number of one-room tenements constructed during the year was 3,599, of two-room tenements 866, and of blocks 1,207. Against this, however, should be set off the number of tenements demolished, *viz.*, one-room 1,666, two-room 300 and blocks 233. The number of prosecutions launched against house-owners for enforcement of building regulations was 2,585, of which 1,645 were withdrawn on compliance with requirements, 67 resulted in convictions and 873 were postponed or not called for hearing, against 2,316 prosecutions, 1,506 withdrawals, 73 convictions and 737 postponed or unheard cases, in the previous year. 638 notices were issued for the renewal of unsafe structures, of which 435 were complied with, as against 623 and 390 respectively in the preceding year. 12 cases of house collapse occurred during the year against 14 in the preceding year.

Private building construction.

61. Set-backs valued at Rs. 1·62 lakhs were acquired during the year, against those valued at Rs. 2·28 lakhs in the preceding year. The liability outstanding in respect of set-backs sanctioned for acquisition was Rs. 10·15 lakhs. The total number of stall boards and weather frame projections permitted during the year was 3,491, and the license fees therefrom amounted to Rs. 0·70 lakh against 3,023 and Rs. 0·45 lakh in the preceding year, showing an increase of nearly 56 per cent. in revenue.

Set-backs and stall boards.

Land Management.

62. On the amalgamation of the City Improvement Trust with the Municipality, this work was transferred to the Estate Agent's Department of the Trust. A report of the activities of this branch therefore is incorporated in the report of that Department. The work of preparing an inventory of Municipal properties was taken in hand during the year.

Mechanical Branch.

63. The turnover of the Workshops was valued at Rs. 1·76 lakhs against Rs. 2·3 lakhs in the preceding year. Although the value of the jobs fell, the number of jobs carried out during the year rose from 3,450 to 3,999. The latter is due to the reorganization of the Workshops and re-opening of closed

Workshops and Mechanical Transport.

sections, and turning out of work at competitive rates, which is rendered possible by the revised method adopted of charging supervision charges at only $3\frac{1}{8}$ per cent. The transport section is increasing in importance owing to the development of motor traction. The number of lorries and cars maintained by the Municipality was 95, exclusive of 2 lorries under the Schools Committee and 6 ambulances under the Fire Brigade ; the running cost of these was Rs. 4.06 lakhs. In view of the large number of motor vehicles the department has to maintain and keep in repair, the Mechanical Engineer urges the garaging of the whole fleet at the Municipal Workshops instead of keeping some at Bapty Road as at present.

Pumping and Compressor Stations.

64. The electric pumps installed at Love Grove have yielded the savings expected of them. During the year they showed a further saving of Rs. 3,156 ; while the expenditure when compared with that in 1931, when the steam pumps were in operation, showed a saving of Rs. 38,132. The average quantity of sewage pumped per day was 60.1 million gallons. Since these pumps were installed the average height of the sewage in the detritus chamber has remained low, permitting a free outfall for the sewage at all states of the tide. The electric pumps have thus made for economy and efficiency. The conversion of privies has tended to equalize the flow of sewage, making it much easier to deal with, as the peak loads are now less than before. After 35 years' continuous working the steam driven air compressor station at Love Grove was stopped and in its stead two electrically operated air compressors were installed at Fergusson Road and Victoria Gardens. The Love Grove Air compressor is proposed to be kept as a stand-by in case of interruption to the electric supply at the new air compressors. In addition to the economy in running expenses effected by the installation of electrically operated plant at the above two places, considerable economies have resulted by closing down several miles of air main, which became redundant owing to the favourable position selected for the new compressor stations. The ejector stations, though old, continued to work without a break-down. A new ejector station was erected at Setalvad Road during the year. The Air Compressor Station at Colaba worked satisfactorily though the plant is 34 years old ; but it is now proving inadequate owing to the rapid development of the locality. The Compressor Stations at Bhandarwada and Arthur Road were closed and that at Warden Road improved by elimination of noise.

Works Branch.

I.—Construction.

Cost of Works.

65. The cost of drainage, road, etc., works carried out by contract amounted to Rs. 7.77 lakhs against Rs. 9.17 lakhs in the preceding year, and that of works carried out departmentally Rs. 0.64 lakh against Rs. 0.53 lakh in the previous year.

Stone Crushers.

66. The working of the Stone Crushers at Sewri and Love Grove resulted in a profit of Rs. 27,824 against Rs. 11,541 in the preceding year. The increase in profits is due to cheap rates at which rubble was obtained from the City Improvement Trust. The tar macadam mixer continued to be out of commission.

Road construction.

67. The total mileage of roads in the City was 222, of which 42.318 miles have been asphalted. Of the latter 30.834 miles have been laid by the Municipality, and 11.484 by the Improvement Trust. The length of roadway asphalted during the year was 1.913 miles including that taken over from the City Improvement Trust. The expenditure incurred by the Municipality on this mode of construction was Rs. 1.32 lakhs against Rs. 1.44 lakhs in the preceding year.

Private streets.

68. Action for the improvement of 57 private streets was taken during the year and 6 were declared public as against 53 and 5 respectively in the preceding year. The total expenditure incurred on this account was Rs. 11,819 and recoveries including those for the previous year amounted to Rs. 55,337 against the corresponding figures of Rs. 37,029 and Rs. 58,134, respectively in the preceding year.

II.—Maintenance.

Drains and Sewers.

69. Of the 141.90 miles of pipe sewers, 133.19 miles were cleaned; of the 17.18 miles of ovoid and circular sewers 15.92 miles were scraped, and of the 194.35 miles of S. W. drains 20.26 miles were cleared of silt. The total expenditure on this account amounted to Rs. 2·49 lakhs against Rs. 2·62 lakhs in the preceding year. The cost in respect of repairs and maintenance of water bound roads, katcha foot-paths and road-side trees amounted to Rs. 1·11 lakhs against Rs. 1·67 lakhs in the preceding year. The fall is due to a smaller area being repaired or patched up during the year. The average rate of repairing these roads was about 10 per cent. higher than in the last year. This is due to the fact that while remaking the roads the camber of certain roads which was found to be steep had to be improved. The average rate for resurfacing the roads with asphalt worked out also higher for the same reason. The total expenditure for carrying out bituminous operations was Rs. 3·57 lakhs against Rs. 3·55 lakhs in the preceding year.

Road-side lettings.

70. The receipts from ground rent charged for the occupation of road-side lands or foot-paths amounted to Rs. 41,046, exclusive of rent for tram tracks, which amounted to Rs. 65,525 against the corresponding figures of Rs. 40,611 and Rs. 65,330 in the preceding year. No money was received from the Telephone Co. in respect of way leave rental during the year, according to the terms of the settlement agreed to between the Company and the Corporation, by which the Company have agreed to pay to the Corporation Rs. 67,000 per annum from 1st April 1934 to 31st March 1943 and then Rs. 70,000 per annum until the expiry of the license on 31st March 1963.

Public lighting.

71. The following statement shows the number of lamps under each class and the expenditure incurred on them for the last two years:—

Lamps.	1932-33.		1933-34.	
	No.	Cost. Rs.	No.	Cost. Rs.
Gas	6,981	6,24,307	7,094	6 17,154
Electric	1,333	2,65,408	1,439	2,73,497
Bannister	223	57,653	180	38,792
Kerosine Oil	20	897	20	708
	8,557	9,48,265	8,733	9,30,151

In addition to this Rs. 30,309 were spent on repairing and improving the lighting, etc. The total cost on lighting thus amounted to Rs. 9·60 lakhs against Rs. 10·01 lakhs. This reduction in cost in spite of an increase in the number of lights was due to the steps taken during the year to effect saving by reducing the candle power where possible.

VIII.—Estate and Land Management.

General.

72. With the amalgamation of the City Improvement Trust with the Municipality during the year, the management of lands and estates belonging to both the bodies was placed under the Estate Agent supervised by the Deputy Commissioner, Improvements. The Act which brought about this amalgamation provides among other things that no land shall be leased or sold below the market rate. The additional sources made available to the Trust by way of increasing the Municipal

contribution from 2 per cent. to 3 per cent. of the General Tax and grant of ¾ths of the net receipts from the enhanced Tobacco Duty, helped to reduce the deficit of the Trust from 29.9 lakhs to 12.7 lakhs during the year.

Changes in Trust Estates.

73. As a result of the amalgamation there have been certain notable changes in the Trust Estates. The Schedules (of lands) C, D, E and F to the Improvement Trust Act have been marked as W, X, Y and Z and modified and annexed to the Municipal Act. The important modifications are with regard to resumption by Government of the Cooperage Plot, Marine Lines Cross Maidan and the Plot on which the Bodyguard Lines stand. The lands comprised in Schedule E (now Schedule Y), were vested permanently in the Municipality, whereas they were vested in the Trust for 99 years only. The area of resumed land was approximately 1·79 lakhs square yards and its value Rs. 14.92 lakhs. The area of developed land permanently leased increased from 23.22 lakhs square yards to 24.27 lakhs square yards and the rent thereof from Rs. 25.8 lakhs to Rs. 26.4 lakhs. The area remaining to be leased was 13.83 lakhs square yards against 14.96 lakhs square yards in the previous year. The area of undeveloped land was reduced during the year from 74.60 lakhs square yards to 73.87 lakhs square yards. The net result at the close of the year was that out of 2,879 acres vested in or acquired by the Trust about half remained to be developed, and of the developed area about one-third is yet to be leased.

New Accommodation.

74. The new residential accommodation made available on Improvement Trust Estates during the year, excluding shops, etc., comprised 1,295 tenements which were all provided by lessees. The total number of tenements provided hitherto in all the Trust Estates, including those erected by the Development Department and mills, is 51,325, while the number demolished is 34,137. A large number of rooms in post-war City Improvement Trust chawls remained vacant in spite of reduction in rents, while rooms in the pre-war chawls were much in demand, and vacancies were few. With a view to reducing vacancies it was decided to house free of charge such members of the Municipal menial staff as were in receipt of house allowance and in the case of those who refused to occupy the rooms the house rent was reduced from Rs. 7 to Rs. 4.

Disposal of C. I. T. land.

75. There was marked improvement in the disposal of Trust plots during the year, the area permanently leased being 145,332 square yards and the value thereof Rs. 26.81 lakhs against 99,326 square yards and Rs. 15.01 lakhs respectively in the preceding year. This improvement was due in part no doubt to the fall in the rate of interest on other kinds of investment. The large amount of premium received during the year by the disposal of lands enabled the Trust to carry on during the year without raising a fresh loan. The number of plots let on long lease during the year was 178 having a total area of about 30 acres and value of Rs. 26.81 lakhs. In addition 12 plots, having an area of ½ acre were sold outright for Rs. 0.13 lakh. On the other hand 5 plots were resumed. The total number of plots disposed of upto the end of the year was 2,000 comprising an area of 541 acres, valued at Rs. 662·67 lakhs and yielding an annual rent of Rs. 26·40 lakhs.

Rents and Revenue Collection.

76. The net number of acquired or surrendered buildings at the end of the year was 979, containing 7,240 tenements. The rents realized from acquired buildings amounted to Rs. 7·37 lakhs against Rs. 7.45 lakhs in the preceding year. Rents from temporary structures amounted to Rs. 2.61 lakhs against Rs. 2.55 lakhs in the preceding year. Rents from letting of lands for cultivation rose from Rs. 39,639 to Rs. 43,690; while those from lands let out for storing materials fell from Rs. 25,588 to Rs. 23,127. The total number of rooms in Trust chawls was 10,074 and their full letting value was Rs. 9.76 lakhs. Against this the net demand after making allowance for vacancies was Rs. 8.67 lakhs and the collection came to Rs. 8,35 lakhs or 96.25 per cent. The net demand in respect of rooms in the Semi-permanent Sheds was Rs. 0·56 lakh while the collections amounted

to Rs. 0·54 lakh or 96.07 per cent. The percentage of outgoings to the full letting value of chawls was 48, of which 10.24 per cent. was due to vacancies. The net annual income from Permanent Chawls was 5.07 lakhs while the interest and sinking fund charges amounted to 8.67 lakhs showing a loss of 3.6 lakhs during the year, which is equivalent to a loss of about Rs. 35.67 per room per annum.

Total Revenue Collection

77. The total revenue demand including arrears was Rs. 62.48 lakhs. Collections amounted to Rs. 48.44 lakhs, and writes off to Rs. 0.99 lakh, leaving arrears of Rs. 13.05 lakhs. The corresponding arrears for the previous year were Rs. 12.28 lakhs. The outstandings of permanent and temporary revenue at the end of the year were 11 per cent. and 31.5 per cent. respectively of the total demand.

Legal.

78. 1,184 ejectment suits were filed during the year against 1,463 in the preceding year. This fall in number was not due to any betterment in the financial position of the tenants, but to the necessity of giving fresh notices to them after the amalgamation of the City Improvement Trust with the Municipality. The policy of filing suits for recovery of permanent revenue has now been almost entirely discontinued, as re-entry with a view to determining the lease is found to be more effective for the recovery of arrears.

Sale of Municipal land.

79. Over 100 offers for the purchase of Municipal land were received during the year and about 49,037 square yards were sold for Rs. 11.11 lakhs against 46,456 square yards for Rs. 8.21 lakhs during the preceding year. There was in fact a boom in the land market owing to other kinds of investment being less profitable.

Rents and outstandings of Municipal properties.

80. The net demand in respect of rents from Municipal properties acquired in connection with development schemes was Rs. 5.02 lakhs which together with arrears for the previous year amounted to Rs. 7.22 lakhs. Against this the collections amounted to Rs. 4.81 lakhs (66 per cent.), writes off Rs. 6,897 (0.9 per cent.) leaving arrears of Rs. 2.34 lakhs (32 per cent.) as against 69 per cent, 2 per cent. and 9 per cent. respectively in the preceding year. The position with regard to outstandings seems to have deteriorated owing to prolonged economic depression, reduced wages, mill strikes and unemployment.

IX.—Water Works.

Water Supply.

81. The total quantity of water drawn from Tansa and Vehar lakes during the year was 31,668 million gallons, showing a daily average of 86·77 million gallons, against 88·07 in the preceding year. As the entire requirements of the City were met by those two lakes, Tulsi was not drawn upon, while Powai remained idle as its water is not potable. Of the above supply 2·37 million gallons per day were given to the suburbs against 2·31 and 2·13 in the preceding two years. The supply to the suburbs is steadily increasing every year, but is still within the quantity agreed to be set apart for them, *viz.* 2·70 million gallons. The average daily supply to the City per head for all purposes was 72·67 gallons against 74 gallons in the preceding year. The fall is apparently due to the curtailment of the supply for a short period before the monsoon.

Rainfall.

82. The rainfall at all the lakes was copious, and in excess of the quinquennial average by 19·9 per cent. at Tansa, 33·63 per cent. at Vehar, 13 per cent. at Tulsi and 2.6 per cent. at Powai. All the lakes overflowed during August and September.

Miscellaneous.

83. There was a serious burst on the two 72″ steel mains at Jamboli owing to the extreme variation in climate producing excessive expansion and contraction of the pipe line. As 86 per cent. of the City's supply was being received through these mains, the situation was serious; but disaster

was averted by speedy repairs for which the staff deserves commendation. There were 27 other bursts on various water mains in the City against 28 in the preceding year. The total number of water connections increased from 36,452 to 37,296 and that of meters from 2,200 to 2,292. The Waste Prevention Branch detected and repaired 17,989 defects against 19,296 in the previous year. The fall is due to a decrease in tampering by the public with roadside hydrants, and a keener appreciation by house-owners of their responsibility to repair and rewasher private taps. During the year the Corporation approved of the proposal to test the possibility of the Ulhas river being utilized to augment the City's water supply, and sanctioned preliminary expenditure for conducting experiments. The samples tested revealed that during monsoon the chlorides varied from 1 to 2 in 1,00,000, while after the monsoon (in February) they varied from 250 to 700 in 1,00,000. A report on these tests is under preparation.

X.—Fire Brigade.

H. E.'s Visit.

84. The most noteworthy event of the year was the visit paid by H.E. the Governor to the Fire Brigade Headquarters on 25th May 1933, when he expressed his satisfaction at the efficiency of the Brigade.

Fire Stations.

85. The number of Fire Brigade Stations in the City continued to be 12. Proposals for building new Stations had again to be deferred on grounds of financial stringency.

Number of fires and estimated loss.

86. The Brigade answered 496 calls against 715 in the previous year, which was a strenuous year for the Brigade, owing to riots and incendiarism. The distance covered by the appliances was 3,272 miles against 5,848 in the previous year. The approximate quantity of water consumed at the fires was 12,948 tons against 23,659 tons in the preceding year. Of the above calls, 300 were in respect of fires, 3 in respect of rescue operations and 77 were false alarms. The remaining are accounted for by the fact that there were more calls than one for the same fire. The number of lives lost on account of fires was 19 and from house collapses 5. The loss of property due to fires amounted to Rs. 9·73 lakhs, showing a decrease of Rs. 19·23 lakhs, compared with the preceding year which as stated above was abnormal. Of this, loss amounting to Rs. 9·33 lakhs was covered by insurance.

Number of fire alarms.

87. Two additional fire alarms were installed during the year, thus bringing the total to 181, of which 27 are private ones. 60 p. c. of the calls were received through this system, against 63 p. c. in the preceding year.

Ambulances.

88. The number of motor ambulances in charge of the Brigade increased from 5 to 6, the free maternity ambulance in charge of the Health Department being taken over by the Fire Brigade. They attended altogether 378 calls in respect of accidents, 369 in respect of maternity cases and 1,387 hire calls, against 467 accident calls and 1,294 hire calls during the previous year. The aggregate distance run by the ambulances was 18,062 miles against 17,125 miles in the preceding year. The receipts from hire amounted to Rs. 8,750, against Rs. 8,000 in the previous year.

XI.—Public Gardens.

Gardens and play-grounds.

89. Eleven gardens, thirty-one recreation grounds and open spaces, two fountains, two bandstands, and the Queen's Statue opposite the old Improvement Trust office were maintained by the Department during the year. A new garden was laid out at the old Jewish cemetery at Clare Road. With the amalgamation of the City Improvement Trust and the Municipality, the Wellington Garden at the Cooperage came into the charge of this Department. The C. P. Tank Garden continued to remain closed to the public since the last riots under the orders of the Chief Presidency Magistrate. The directed games at Mastan Shah Tank, Gilder Tank and the Wellingdon Memorial Play-ground continued to be popular.

Music and band performances.

90. There were 127 band performances and 24 Indian concerts against 131 and 22, respectively, in the preceding year.

Attendance at the Victoria Gardens.

91. The Victoria Gardens were open to the public throughout the year. The number of visitors to the gardens was 2,507,921 against 1,889,152 in the previous year. The average attendance per day was 5,629 against 5,527 in the previous year. The increase is due to the fact that conditions in the City were normal. Cinema companies were formerly allowed to use the gardens free of charge for shooting films, but since the commencement of the year under report they were charged a fee of Rs. 25 per day.

Acknowledgments.

92. The Zoo at the Victoria Gardens received some notable presents during the year, for which our thanks are due to H.H. the Maharajah Saheb of Pratabgarh and to H.H. the Maharawal Saheb Bahadur of Dungarpur and others. Thanks are also due to the Director and staff of the Haffkine Institute for making post-mortem and bacteriological examinations of the animals sent to them and to the B. I. S. N. Co. and the P. & O. Co. for giving transport facilities. It is much to be regretted that the Railway Companies did not grant similar facilities and that one of the Companies even refused the concession rates previously allowed. Among the distinguished visitors to the Gardens during the year were H.E. the Governor, H.H. the Maharaja of Baroda, H.H. the Maharajah Saheb of Wankaner and H.H. the Maharaja of Kolhapur.

XII.—Victoria and Albert Museum.

Attendance at the Museum.

93. The Museum was kept open to the public for 313 days against 293 in the preceding year; the number of visitors during the year rose from 885,796 to 1,032,288. The daily average attendance was accordingly 3,298 against 3,068 in the preceding year. The increase in attendance is due to the year being comparatively peaceful and normal. A number of specimens were added to the Museum, the most important being pre-historic implements of the Stone Age presented by Mr. H. W. Seton Karr, exhibits of naval interest presented by the Flag Officer and Director of the Royal Indian Marine, and a plaster model of the map of Greater Bombay presented by Sardar Sitaram L. Bagwe, to whom our thanks are due.

XIII.—General Stores.

Stores, purchases and issues.

94. The year opened with a balance of stores valued at Rs. 6·51 lakhs against Rs. 6.82 lakhs in the preceding year. The cost of stores purchased during the year, including that of articles received on transfer, was Rs. 5·36 lakhs against Rs. 6·72 lakhs in the previous year. Of these, goods valued at Rs. 3·52 lakhs were of Indian make and those valued at Rs. 1·84 lakhs of non-Indian make. The value of stores issued (including transfers) during the year amounted to Rs. 5·70 lakhs against Rs. 7·03 lakhs in the preceding year. Care was taken to narrow down the balance of stocks in hand, with the result that it was reduced from 6·51 lakhs to 6·17 lakhs. Obsolete stores valued at Rs. 0·60 lakh were separated as they could not be used or sold, and a new account was opened for them. During the year stores belonging to the City Improvement Trust had to be taken over owing to the amalgamation of that body with the Municipality and this work was in progress at the close of the year.

Contracts, indents and stock verification.

95. The number of contracts entered into for annual requirements was 112 and the number of orders placed with the contractors amounted to 5,535 against 109 and 5,643, respectively, in the previous year. The number of indents (inclusive of sale memos.) complied with was 19,160 against 22,005 in the preceding year. The result of stock verification was gratifying in that out of 5,606 items verified, 5,579 were found correct, while in the rest there were only slight discrepancies.

XIV.—Licenses.

Licenses and Permits.

96. The total number of permits and licenses issued under Sections 390 and 394 (*viz.*, for factories and workshops, and storing inflammable material or carrying on dangerous trades) was 16,791 and the receipts therefrom Rs. 1.68 lakhs as against 16,135 and Rs. 1.68 lakhs respectively, in the previous year. There was a slight increase in the number of permits issued under Section 390 and the receipts therefrom; and though there was a fairly large increase in the number of licenses, there was a fall of revenue therefrom due to some of the larger licensed places as tanneries, timber depots and stables, being closed and to an increase in the number of smaller establishments as eating-houses, shops for retailing matches or fireworks. The decrease in revenue is also due to the fall in the amount of additional fees charged for delayed payments, indicating that that measure is having a salutary effect.

Outstandings, etc.

97. The amount of license fees outstanding was Rs. 5,507 against Rs. 4,692 in the previous year. The increase is due to the delay in the disposal of cases by Magistrates.

Sky-signs and Advertisements.

98. The number of permits issued for exhibiting sky-signs and advertisements was 2,555 and the receipts therefrom amounted to Rs. 0·53 lakh as against 2,176 permits and Rs. 0.46 lakh receipts in the preceding year. The increase may perhaps be taken as indicative of gradual trade recovery.

Hawkers and Squatters.

99. The total number of licenses issued to hawkers and squatters during the year was 27,040 as against 20,915 in the previous year, while the amount of fees realised (inclusive of removal charges in respect of articles seized) was Rs. 1.35 lakhs against Rs. 0.91 lakh in the preceding year. The increase was most noticeable in the number of squatters' licenses, which rose by 82 per cent., and in the revenue therefrom, which increased by 96 per cent. While the number of squatters recorded an increase, the number of itinerant hawkers fell by 34 per cent. and the revenue from their licenses by 28 per cent.

Prosecutions.

100. The number of prosecutions launched during the year was 3,875 (against 5,002 in the preceding year) of which 3,211 were withdrawn on compliance with the law, and 301 resulted in convictions. The amount of fines collected as a result of these was Rs. 3,300. The number of cases remaining to be disposed of at the end of the year (including some filed in the previous year) was 1,076 against 713 in the preceding year.

Criminal Prosecutions.

101. Fourteen criminal prosecutions were launched against hawkers, etc., for assault on the Municipal staff, of which 9 resulted in convictions.

Finance.

102. The total revenue of the Department during the year was Rs. 3.56 lakhs against Rs. 3.06 lakhs in the preceding year and shows an increase of Rs. 0.50 lakh which may be said to be very gratifying.

XV.—Markets.

Markets, etc., Receipts.

103. The total receipts of the Department during the year amounted to Rs. 11·22 lakhs against Rs. 11·34 lakhs in the previous year. The fall is due to the fall in the receipts from Municipal markets and Fair fees from the Bandra Slaughter Houses.

104. The number of Municipal markets was 16 as in the preceding year. Although there was a fall in the gross receipts from the markets by Rs. 9,556, there was an increase of Rs. 0.20 lakh in the net receipts (from Rs. 3.46 to Rs. 3.66 lakhs) owing to the reduction in expenditure by Rs. 0.30 lakh. The average percentage of stalls vacant per quarter during the year was 24·7 against 23 and 21 in the preceding two years, which is partly due to continued trade depression and partly perhaps to the inroads made by squatters and hawkers. Viewed financially, the most flourishing markets seem to be those at Fergusson Road, Parbhadevi Road and Elphinstone Road, and the most depressed those at Chandanwady, Chowpatty and Musjid Bunder.

Municipal Markets

105. The number of private markets in the City was 18 against 17 in the preceding year. There was also a private slaughter house at Marine Lines. The license fees in respect of these amounted to Rs. 0.28 lakh. The fees recovered during the previous year were Rs. 0.31 lakh, the excess being due to the receipts of the year before in respect of some markets having been adjusted during that year. The number of outside meat shops was 152 against 150 in the preceding year ; and the license fees recovered in respect thereof amounted to Rs. 7,507 and Rs. 7,663 respectively. The apparent fall in the fees is due to the fact that last year some fees were received in respect of the previous year.

Private Markets and Slaughter Houses.

106. Unwholesome food destroyed weighed 4,81,302 lbs. against 5,06,201 lbs. in the preceding year. Contraband meat weighing 4,621 lbs. was seized and destroyed against 2,689 lbs. in the previous year.

Unwholesome food.

107. The number of animals slaughtered at the Bandra Slaughter House was 8,28,095 against 7,75,648 in the preceding year, of which 7,618 were buffaloes, 42,434 cows and bullocks and 7,78,043 sheep and goats. The slaughter and removal fees amounted to Rs. 3.426 lakhs against Rs. 3.431 lakhs in the previous year ; while the Fair fees at the Bandra Slaughter House amounted to Rs. 1.38 lakhs against Rs. 1.43 lakhs in the preceding year. The total number of pigs and piglings slaughtered at the Arthur Road Pig Slaughter House was 1,539 against 1,154 in the previous year and the fees realized amounted to Rs. 1,418 and Rs. 1,035, respectively. The receipts from the Kurla Slaughter House were Rs. 0.58 lakh against Rs. 0.54 lakh in the preceding year. Other miscellaneous receipts amounted to about Rs. 1 lakh against Rs. 1.05 lakhs in the previous year.

Animals slaughtered and fees recovered.

XVI.—The King Edward VII Memorial Hospital and the Seth Gordhandas Sunderdas Medical College.

108. The Hospital continued to be popular and worked during the year slightly in excess of its full complement of 354 beds. The daily average number of in-patients was 354.5 against 360.2 in the preceding year. The in-patient admission had to be restricted owing to financial stringency, but in spite of this, the daily average of out-patients increased from 607.7 to 672.4. The total number of in-patients admitted and new out-patients treated during the year was 10,833 and 71,754 against 10,515 and 64,073 in the preceding year. The total outdoor attendance was 2,07,811 against 1,88,395 in the preceding year.

K. E. M. Hospital.

109. The total expenditure on the maintenance of the Hospital was Rs. 4.87 lakhs against Rs. 5.27 lakhs in the preceding year, showing a reduction of 7 per cent. The cost per in-patient per day was Rs. 3-0-8 and that per out-patient attendance Re. 0-7-2 against Rs. 3-4-5 and Re. 0-8-3, respectively, in the preceding year. The reduction in in-patient charges was largely due to the Hospital being charged for water at a compounded rate applicable to charitable institutions instead of at the full rate as in the preceding year.

Hospital Expenditure.

It was also due to reduction under diets by 14.7 per cent. and drugs and dressings by 10 per cent., owing to cheaper rates. The reduction in the average out-patient charges is also due to the same causes and to the increase in the number of out-patients during the year.

Needs of the Hospital.

110. Although hospital accommodation in the City has been increased by about 1,000 beds during the last 8 years, it still falls far short of the demand. The Dean suggests that, apart from increasing the accommodation to meet this requirement, it is necessary to separate the convalescent and chronic cases from others, and remove them to a Home so that the hospital accommodation proper may be available for really acute cases. Unfortunately financial stringency has prevented any advance being made in this direction. The Dean also suggests the opening of the Venereal Ward, which has been lying idle for the past 3 years for want of funds, with the help of donations from the Hospital Maintenance Fund Committee. Other requirements urged by the Dean are provision for Radium treatment, construction of Tubercular and Tonsil Wards, and extension of the Electro-Cardiograph Department. These needs, though imperative, have to be deferred for want of funds or left to private philanthropy.

G. S. M. College.

111. The number of students at the G. S. M. College was 374 against 342 in the preceding year. The total expenditure on the College and Hostel was Rs. 2.14 lakhs and the receipts amounted to Rs. 0.93 lakh against Rs. 2.21 lakhs and Rs. 0.86 lakh in the preceding year. The net cost per student was Rs. 333 against Rs. 414 and Rs. 515 in the preceding two years. This is due to the steady increase in the number of students.

XVII.—Education.

Municipal Schools.

112. Primary Education made appreciable advance during the year. Although the number of Municipal schools and classes remained the same as in the previous year, *viz.* 350, the number of pupils increased from 62,348 to 66,920. The progress was more marked in the Marathi and Urdu sides than in the Gujarathi side. The total number of ordinary teachers increased from 2,125 to 2,175. Although the number of pupils increased by 4,572 there was only an increase of 50 in the number of teachers. The number of special teachers employed for music, drill, drawing, etc., was reduced during the year from 165 to 158. The proportion of teachers to pupils was 1 to 30.7, against 1 to 29.3 in the preceding year.

Aided Schools.

113. The number of Aided schools fell from 178 to 164, while the number of pupils attending these schools rose from 19,159 to 19,492. The increase was mostly in the Gujarathi and Marathi sections, the Urdu section showing some falling off. The total number of teachers (including part-time) in the Aided schools was 1,128 against 1,092 in the preceding year. The proportion of teachers to pupils was 1 to 17.28, against 1 to 17.54 in the preceding year. This is much higher than the proportion in Municipal schools, *viz.* : 1 to 30.7. It must be noted however that about 35 per cent. of the teachers in the Aided schools are only part time, which accounts for the difference. The total amount of grants paid to these schools amounted to Rs. 1.59 lakhs against Rs. 1.67 lakhs in the preceding year. The reduction in the grants is due to the Committee having laid down a principle that the maximum expenditure per pupil in Aided schools admissible for grants should be the same as the average expenditure per pupil in Municipal schools. The average cost per pupil in these schools worked out to Rs. 42.4 (the cost borne by the Municipality being Rs. 8.7), while the average cost per pupil in the Municipal schools was Rs. 46.8 against Rs. 43.4 and Rs. 49.2 respectively in the preceding year.

Schools Committee's Expenditure.

114. The net grant made by the Corporation to the Schools Committee was Rs. 31.23 lakhs against Rs. 31.30 lakhs in the preceding year. The former together with the opening balance and miscellaneous receipts amounted to Rs. 32.24 lakhs. As against this amount, the actual expenditure incurred was Rs. 32.01 lakhs while the expenditure incurred for the preceding year was only Rs. 30·95 lakhs, showing an increase of Rs. 1.06 lakhs. This increase was mostly absorbed by the normal annual increments to the Head masters, teachers and servants and the corresponding increase in the Provident Fund contributions payable by the Municipality and was unavoidable. Though there was an increase in the number of pupils by about 4,500, the Committee managed to keep within the grants sanctioned by the Corporation due to their policy of adopting the shift system on a large scale, entrusting a larger number of pupils to each teacher, cutting down the allowances paid to the Head masters and teachers for working the shift system by 25 per cent., reducing the contingent expenditure of schools and cutting down the grants to aided schools by 10 per cent. All these economies enabled a closing balance of Rs. 22,712 to be maintained in spite of the increase referred to above. The expenditure on the Schools Committee's Head office met out of the General Fund was Rs. 0·62 lakh against Rs. 0.60 lakh in the preceding year. If this expenditure is taken into account the average cost per pupil in the Municipal schools referred to in the foregoing para comes to Rs. 47.8 against Rs. 50.2 in the preceding year.

Government Grants.

115. The grant paid by Government during the year towards primary education in the City amounted to Rs. 6.95 lakhs against Rs. 6.19 lakhs in the preceding year. Government continued the cut of 14 per cent. in the grants during the year.

Free and Compulsory Education Scheme.

116. As usual a census of non-attending children in the area under compulsor primary education, *viz* : F and G Wards, was taken in the middle of the year. It was revealed that there were 4,617 children of compulsory age who did not attend school, against 4,762 in the preceding year. The former number was, however, brought down to 3,343 by the close of the year.

Medical Inspection.

117. Out of about 66,920 pupils on the roll only 16,548 could be medically examined during the year, *i.e.*, 24.7 per cent. against 20 per cent. in the preceding year. The medical examination revealed that 49 per cent. of the boys and 65 per cent. of the girls examined were suffering from one disease or another. The clinic for school children started at the King Edward Memorial Hospital treated 2,080 pupils during the year.

Miscellaneous.

118. During the year, the Schools Committee divided their upper primary schools into two different classes, one teaching according to the upper primary course hitherto followed and the other according to the new central school system. Accordingly 22 central schools were started and maintained during the year. There was no addition to the number of Municipal owned buildings during the year. The results of Vernacular Fourth Standard examination were 91.4 per cent. in Municipal schools, and 89.1 per cent. in the Aided schools and in the Government Vernacular Final examination so far as Municipal schools are concerned 40 per cent.

XVIII.—Public Health.

Births.

119. The year was marred by an epidemic of small-pox unparalleled in severity in the history of the City. The health of the City was otherwise normal, and would have enabled a better return in vital statistics. The number of live births outnumbered deaths for the third time in succession, the excess being 3.2 per 1000 of population. The number of live births registered was 30,926, the highest on record, which gives a rate of 26.6 per 1000 population against 24.8 in the preceding year. Of the total

births 70.6 per cent took place in maternity homes against 63.5 per cent in the preceding year, showing the increasing popularity of such institutions in the City. Among births the sex proportion was 1,070 males to 1,000 females. The birth rate was highest among Hindu low castes, *viz* : 42 and lowest among Europeans, *viz* : 12.

Deaths.

120. The number of deaths during the year was 27,174, giving a rate of 23.4 per 1000 population against 19.7 in the preceding year. The increase in the death rate is due to the heavy toll of life taken by the small-pox epidemic. The highest death rate was among low caste Hindus, *viz* : 34.3 and the lowest among Europeans, *viz* : 7.2. The death rate among males was 19 and among females 29, against 16 and 26 in the preceding year. Children under 5 years of age contributed nearly 48 per cent of the total mortality.

Infant mortality.

121. The mortality among infants (under one year) was 8,320 against 6,298 in the preceding year, returning a rate of 269 per 1000 births against 218 in the preceding year. Of the infants that died 87.4 per cent. were born in the City and 12.6 in the mofussil. Diseases of the respiratory system, infantile debility and premature births, accounted for 70.3 per cent of deaths among infants against 77.8 per cent in the preceding year. Infants below one month contributed 36.5 per cent of the total infant mortality against 40 per cent in the preceding year. The incidence of infant mortality was as usual heavy in one room tenements being 77 per cent against 71 in the preceding year. The infant mortality rose during the months from August to October owing to heavy and continuous rain and February to April on account of Small-pox.

Measures for reduction of infant mortality.

122. These figures are not encouraging; but this is due not to any abatement of efforts towards the reduction of infant mortality, but to the operation of special factors like the small-pox epidemic and heavy incidence of the diseases of the respiratory system. The Municipal District nurses paid 29,679 visits to houses inhabited by the poor, and attended 1,341 cases of confinement against 21,493 visits and 1,144 confinements in the preceding year. They also carried on as usual much educative propaganda in the principles of health and hygiene and the care and nurture of children, and helped to popularise the maternity institutions in the City. The number of cases confined in the 5 Municipal Maternity Homes (134 beds) rose from 3,898 to 4,711. The total number of other Maternity Homes in the City (public and private) was 65. The popularity of Maternity Homes is increasing year by year with the growing consciousness among the people of the facilities they afford. This is evident from the fact that 70.30 per cent of total births took place in the Maternity Homes against 63.51 in the preceding year. The measures taken by the Municipality for the reduction of infant mortality were reinforced by the efforts of the Infant Welfare Society, which conducted 7 centres, 3 Maternity Homes and 1 Creche.

Infectious Diseases.

123. Cases of infectious diseases during the year numbered 7,041 against 2,747 in the preceding year. The mortality from Plague, Cholera and Small-pox was 48, 17 and 2,676 against 37, 7 and 313 in the preceding year. Small-pox was in an epidemic form for about six months (from 17th December 1932 to 3rd June 1933) and was the severest on record. The incidence of this epidemic was most felt in the months of February and March and in the age groups of 2-5 years and 20-30 years. Influenza accounted for 76 deaths as in the preceding year. Tuberculosis was responsible for 1,594 deaths against 1,389 in the preceding year. The death rate from this disease rose during the year to 1.4 per 1000 population against 1.2 in the preceding year. The incidence of this disease was particularly heavy in the age group of 20-40 years and took as usual the heaviest toll among Hindu males and Mahomedan females, the former probably on account of poverty and lessened resistence to diseases attendant on the crowded life of a City, and the latter to the same causes *plus* the purdah system.

124. Malaria accounted for 71 deaths against 76 in the preceding year. But Malaria is not a disease which kills so much as it cripples a man. The number of attacks is therefore a more accurate index of the incidence of malaria. The number of patients treated in Municipal Dispensaries was 1,107 and in other public hospitals 12,004 against 1,070 and 18,453 respectively in the preceding year. There must be besides a large number who receive treatment from private practitioners. Statistics with regard to these are not available and attempts to collect them in the past proved abortive. The incidence of malaria is palpably falling owing to the action taken to mitigate it. There is a belief in some quarters that the City has been rendered practically immune from malaria and that there is no longer any need to maintain a special staff to combat it. The Health Officer warns us against this belief and emphasises that malaria can be kept under control only by constant supervision and prompt action. Anti-malarial measures were accordingly carried out unabated during the year. The Wells Committee appointed to consider the question of determining the wells to be kept open or closed in each Ward met only once during the year and inspected no wells.

Malaria.

125. There were 14 Municipal Dispensaries for giving free medical relief during the year. The number of new cases treated thereat was 97,439 against 80,129 in the preceding year, and the total attendance was 270,692 against 210,529 in the previous year. This attendance has gone on increasing in recent years, showing the popularity of these institutions. In addition, women and children were treated by 2 temporary Lady Doctors at some of the Municipal Dispensaries between 12 and 2 p.m. twice a week and by the Lady Doctors in charge of the 5 Maternity Homes at the anti-natal and post-natal clinics attached to these Homes between 1 and 3 p.m. twice a week. The total attendance at the clinics and dispensaries was 34,628 against 30,355.

Free Medical Relief.

126. The hearing of Municipal cases in the Presidency Magistrates' Courts was again marked by such delay as to render prosecutions almost futile. The number of cases filed during the year was 12,750 which together with that pending at the beginning of the year amounted to 19,763. Of these only 6,942 were disposed of.

Prosecutions.

XIX.—Municipal Servants Act.

127. No circumstances arose in any Department of the Municipality in which it was necessary to invoke the provisions of the Municipal Servants Act.

I. H. TAUNTON,

Municipal Commissioner.

CHIEF ACCOUNTANT'S REPORT

FOR 1932-33.

Contents.

	Pages
Opening Remarks	27 to 29
Income	29 to 31
Town Duties	32
Revenue Expenditure (including Lapsed Grants and Savings)	32 to 36
Loans Funds	36
Loan Works Expenditure	36 to 37
Debt and Sinking Funds	38
Liabilities and Assets	38
Investments and Invested Balances	38 to 39
Special Funds	39
Water Works Income and Expenditure Account and Assets and Liabilities ...	39 to 40
Markets and Slaughter Houses Account	40
Suspense Accounts and Deposits	40 to 41
Reserve Stock and Capital Stores	41 to 42
Street Improvements	42
Levelling, Metalling, etc., Private Streets	42
Conversion of Insanitary Privies into Water-Closets	42 to 43
Improvement Schemes—	
General Account Income and Expenditure Loans, Capital Account, Expenditure on Schemes, Sinking Funds and Liabilities and Assets	43 to 44
General Remarks...	44 to 45
List of Appendices	46
Municipal Auditors' Report	121 to 140

FINANCIAL.

No. A.E./403 *of 26th October* 1934.

FROM

THE CHIEF ACCOUNTANT,
BOMBAY MUNICIPALITY;

To

THE MUNICIPAL COMMISSIONER,
FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit my report on the accounts of the Municipality and the Improvement Schemes for the year 1933-34.

2. During the year under report, the rates of taxation were as shown below :—

Particulars.	Rates for 1933-34.
General Tax	11 per cent.
Fire Tax	$\frac{1}{2}$ „
Water Tax on value	$3\frac{3}{4}$ „
Water Tax on Meter measurement	Same as those of the previous year.
Halalkhore Tax	3 per cent.

3. The following statement sets out in summary form, the transactions for the year, pertaining to Revenue, and the Actuals for the preceding year :—

	1933-34.			Actuals for 1932-33.
	Budget.	Revised.	Actuals.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	19,72,000	17,06,074	17,06,074	33,54,122
Income	3,17,31,700	3,20,11,767	3,14,15,971	3,00,02,381
Expenditure	3,35,68,959	3,34,43,745	3,25,51,599	3,21,69,117
Deficit	18,37,259	14,31,978	11,35,628	21,66,736
Balance	1,34,741	2,74,096	5,70,446	11,87,386
Recoupment of Advances, etc. ..	+2,40,000	+2,69,817	+1,18,900	+5,18,688
Closing Balance	3,74,741	5,43,913	6,89,346	17,06,074

4. The details of the recoupment of Advances, etc., are :—

			Rs.
Advance for subventions recouped out of loan funds in 1933-34 ..			2,50,000
Decrease in—			
Reserve Stores (including Capital Stores) Balances			68,512
Miscellaneous Advances outstandings			2,344
			3,20,856
Deduct—		Rs.	
Advances during the year Plant and Machinery		45,918	
Increase in Renewed Grants (including contribution towards Improvement Schemes)		1,56,038	
			2,01,956
			1,18,900

5. The net unhypothecated Surplus Cash Balance on 31st March 1934 is as under :—

Liabilities.	Rs.	Assets.	Rs.
Reserve Stock including Capital Stores. .	6,10,024	Surplus Revenue Fund Appendix No. 2 of the Chief Accountant's Administration Report (1933-34)	34,95,743
Advance for Plant and Machinery ..	21,81,833		
Miscellaneous Advances	14,540		
Minimum required by law	1,00,000		
Surplus Cash Balance	5,89,346		
Total ..	34,95,743	Total ..	34,95,743

6. The opening and closing Reserve Stores (including Capital Stores) Balances are as compared below :—

	Opening Balance.	Closing Balance.	Decrease.
	R.s	Rs.	Rs.
Serviceable Stores	6,78,536	6,10,024	68,512

7. The amount of rates and taxes outstanding at the close of the year 1933-34 stood at Rs. 24,48,967 against Rs. 20,28,174 for the previous year, showing an increase of Rs. 4,20,793.

Outstanding at	General Tax.	Water Tax.	Halalkhore Tax.	Wheel Tax.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
31st March 1933	13,07,673	3,86,608	2,71,719	62,174	20,28,174
Do. 1934	15,99,508	4,38,360	3,21,519	89,580	24,48,967
	2,91,835 Increase.	51,752 Increase.	49,800 Increase.	27,406 Increase.	4,20,793 Increase.

The amount outstanding on account of rates and taxes at the close of each year for the ast five years (including that under report) was as under :—

Year.	Outstanding.	Net Demand.	Percentage of outstanding to Net Demand.
	Rs.	Rs.	Rs.
1929-30	24,29,480	2,70,47,673	8.98
1930-31	28,47,779	2,68,49,985	10.60
1931-32	33,29,984	2,79,05,122	11.93
1932-33	20,28,174	2,77,56,835	7.31
1933-34	24,48,967	2,62,91,472	9.31

The outstandings of Rs. 24,48,967 are made up of Rs. 4,40,209 payable by the G. I. P. Railway, Rs. 38,939 by the B. B. & C. I. Railway Co., Rs. 3,05,130 by the Mills, Rs. 73,920 for City Improvement Schemes, Rs. 7,691 due by Government, Rs. 408, by the Port Trust and the balance of Rs. 15,82,670 by other ratepayers. The reasons for these outstandings have been fully dealt with in the Assessor and Collector's report.

It may be noted that as on 30th June 1934 the arrears stood reduced to the extent of Rs. 9.25 lakhs. The percentage of outstandings to Net Demand for the year under report *viz.*, 9.31 is higher than that for the preceding year.

8. The Loan liabilities at the beginning and at the end of the year were as under :—

Outstanding debt at 1st April 1933.	Loan raised during the year.	Repayment during the year.	Outstanding debt at 31st March 1934.
Rs. 17,09,24,526	Rs. 11,50,000*	Rs. 29,27,061	Rs. 16,91,47,465

* The Loan was not raised from the public but advances for this amount were taken from the Special Funds of the Corporation. (*Vide* Corporation Resolutions Nos. 5373, dated 6th October 1932 and 4960, dated 18th September 1933.)

It is to be noted that Rs. 25,00,287 were repaid to Government on the basis of equated payments out of the revenue, and that Rs. 3,69,500 were repaid to debenture holders out of Sinking Fund Investments including Rs. 30,716 out of the Net Premia Fund. A sum of Rs. 57,274 was repaid to Plant and Machinery Depreciation Fund and Renewal of Road Surfaces Fund out of revenue on the basis of equated payment in respect of the advances taken from these Funds for capital works.

The state of the Sinking Fund is shown below :—

Amount of Fund at 1st April 1933.	Interest, &c., realisations.	Sinking Fund Instalments.	Total.	Withdrawn for (1) repayment of loans and (2) transfer to Net Premia Fund on account of excess accumulations.	Amount of the Fund at 31st March 1934.
Rs. 2,98,47,474	Rs. 14,03,449	Rs. 17,46,732	Rs. 3,29,97,655	Rs. (1) 3,38,784 (2) 35,86,429	Rs. 2,90,72,442

The value of securities held in the Sinking Fund Account on the basis of market rates prevailing on 31st March 1934 including accrued interest exceeded the acturial amount of the Sinking Fund and consequently the excess investments held in the Sinking Fund Account were transferred to the Net Premia Fund Account. (*Vide* Corporation Resolution No. 9321 of 31st January 1934 and para. 3 of the Commissioner's note on the Budget Estimates A for the year 1934-35.)

IMCOME.

9. A detailed comparison between the Budget Estimate and the Actuals will be found in Appendix No. 3. The estimated income for the year was Rs. 3,17,31,700 against which the actuals amounted to Rs. 3,14,15,971 resulting in a decrease of Rs. 3,15,729.

The following are the main heads contributing to the increases and decreases.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.	
	Rs.	Rs.		
1. General Tax	..	4,08,619	Decreases mainly under— (1) From the Public, due to decrease in rents and in valuations upon complaints	Rs. 2,31,020
			and (2) From the Mills due to the closing down of several Mills and partial running of others and also to an allowance of 10⅔ per cent. allowed on account of continued trade depression ..	2,97,560
			Carried over ..	5,28,580

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	Brought forward. Rs. 5,28,580
			Counterbalanced by an increase from the G. I. P. Railway due to the receipt of the tax for the last year held up owing to the revised valuations being under dispute 1,03,666
			4,24,914
2. Town Duties	..	47,262	Due to depression in trade.
3. Cotton Duty	..	3,13,810	Due to depression and diversion of trade.
4. Tobacco Duty	..	1,30,752	The non-acceptance by Government of the Corporation's request for a share in the aggregate receipts from the duty at the increased rate being fixed at the average amount received by them during the previous five years resulted in a drop after adjusting the excess amount paid to the Municipality in 1932-33.
5. Interest and profit on investments of Surplus loan and other balances.	..	1,78,746	Due to lower rates of interest earned on the invested balances.
6. Water Tax	..	75,900	Due mainly to charges by measurement on account of less consumption of water by cotton and other factories, owing to the closing down or partial running of the Mills.
7. Education	70,573	..	Due mainly to the Government having reduced the extent of the cut in the grant-in-aid from 20 per cent. as originally sanctioned to 14 per cent.
8 Medical Relief and Education ..	..	35,282	The actuals for the preceding year included a sum of Rs. 48,359 received from the Hospital Maintenance Fund towards the maintenance of the Municipal Hospitals.
9. Street Cleansing and Conservancy, A.—Halalkhore Tax.	..	1,08,336	*Vide* reasons given against item No. 1.
10. Roads, Drains and Sewers, B.—Ground Rent.	..	60,091	Due to non-receipt of the sum due from the Bombay Telephone Co. as a result of the terms of the revised agreement with the Company under which the amount was set off against payments due by us.
11. C.—Miscellaneous	33,016	..	Mainly on account of profit on working the Municipal Crushers and supervision charges in respect of work done on behalf of private parties.
12. Mechanical	23,428	..	Mainly on account of profit on the working of the Motor Traction.
13. Buildings, Land Acquisition and Management.	7,59,353	..	Due to sales of certain large and valuable plots of land and to increased receipts from Miscellaneous fees.
14. Fire Tax	..	18,629	*Vide* reasons given against item No. 1.
15. Licensing and removal of Encroachments on public streets.	50,089	..	Due to an increase in the number of licenses for squatters and hawkers and to increased receipts from advertisements.
16. Markets and Slaughter Houses ..	..	41,575	Due mainly to reduced receipts from stall rents and from fair ground and feeding fees and slaughter fees counterbalanced by an increase in squatters' fees.
17. Contribution from Capital Funds to Revenue.	..	12,093	Due to less expenditure incurred on Capital Works.
18. Extra ordinary receipts	1,82,880	..	Represents interest earned on the investments held in the Net Premia Fund sanctioned to be credited under this head. (*Vide* Corporation Resolution No. 9321, dated 21st January 1934.)

10. The position as regards our income from General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement.

1933-34.	Amount.	Total.	Grand Total.	1932-33.	Amount.	Total.	Grand Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. General Tax (including Fire Tax) at 11¼ per cent.—				1. General Tax (including Fire Tax) at 11¼ per cent.—			
Total collections booked	1,28,02,105			Total collections booked	1,25,91,503		
Less—				*Less*—			
Recoveries for previous years	11,83,189			Recoveries for previous years	9,98,566		
	1,16,18,916				1,15,92,937		
Add—				*Add*—			
Outstandings for the year at the close of the year ..	12,16,522	1,28,35,438		Outstandings for the year at the close of the year ..	11,29,284	1,27,22,221	
2. Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate—				2. Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate—			
Total collections booked	62,32,143			Total collections booked	63,21,652		
Less—				*Less*—			
Recoveries for previous years	1,45,324			Recoveries for previous years	1,38,954		
	60,86,819				61,82,698		
Add—				*Add*—			
Outstanding for the year at the close of the year ..	3,85,477	64,72,296		Outstandings for the year at the close of the year ..	3,11,823	64,94,521	
3. Halalkhore Tax at 3 per cent. and for special service.—				3. Halalkhore Tax at 3 per cent. and for special service—			
Total collections booked	30,88,965			Total collections booked	30,78,239		
Less—				*Less*—			
Recoveries for previous years	1,40,321			Recoveries for previous years	2,03,715		
	29,48,644				28,74,524		
Add—				*Add*—			
Outstandings for the year at the close of the year ..	2,77,647	32,26,291		Outstandings for the year at the close of the year ..	2,25,612	31,00,136	
			2,25,34,025				2,23,16,878

	Rs.
Net demand on account of Property Taxes inclusive of refunds for 1933–34.. ..	2,25,34,025
Do, Do, Do. 1932–33.. ..	2,23,16,878
Increase	2,17,147

TOWN DUTIES.

11. The various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 29,39,000, the refunds and commission charges at Rs. 14,89,000, and the net revenue at Rs. 14,50,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 23,58,166 and after deducting the amount of Rs. 9,55,428, on account of refunds, the net receipts amounted to Rs. 14,02,738 showing an increase of Rs. 2,75,550 as compared with the actuals of the previous year.

COTTON DUTY

12. Under Bombay Act XX of 1920, the net proceeds of the duty after deducting cost of collection were divisible between Government and the Municipality in the proportion of 4 to 3. The net collections received from the two Railways and the Port Trust during the year under report amounted to Rs. 20,67,775, as against Rs. 19,33,997, of the previous year. Rs. 11,81,586, represent the share of Government and Rs. 8,86,189, that of the Municipality. There is thus an increase of Rs. 57,333, as compared with the actuals of the previous year *viz.*, Rs. 8,28,856 due to larger imports on account of good crops (*vide* Appendix No. 18).

REVENUE EXPENDITURE.

13. The final sanctioned grants amounted in the aggregate to Rs. 3,39,94,153, as follows :—

	Rs.
Budget Grants	3,36,14,366*
Unexpended grants of previous years renewed for expenditure	3,03,528
Additional Grants	76,259
Final sanctioned grants ..	3,39,94,153

* Includes Rs. 45,407, being the net increase on account of modifications in the original grants due to the revised system of workshops Accounts.

14. The transfers from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 3,33,859.

15. In the following statement the final grants sanctioned from 1929-30 are compared with the savings year by year :—

Year.	Final grants sanctioned.	Grants to be renewed for expenditure in the following year.	Expenditure booked against final grants.	Savings on final grants sanctioned.
	Rs.	Rs.	Rs.	Rs.
1929-30	3,47,12,930	4,99,110	3,30,00,829	12,12,991
1930-31	3,46,02,387	6,17,635	3,26,47,552	13,37,200
1931-32	3,37,36,319	4,39,052	3,23,28,729	9,68,538
1932-33	3,33,55,894	3,03,570	3,21,69,117	8,83,207
1933-34	3,39,94,153	4,22,981	3,25,51,599	10,19,573

16. The total lapsed grants estimated to be renewed in 1934-35 aggregate Rs. 4,22,981, against Rs. 3,03,570, in 1933-34 and the heads under which the renewals are required will be found in Appendix No. 4.

The more important renewals over Rs. 10,000 and the percentage of renewed grants to grants allotted are shown in the following table :—

Percentage of renewals to total sanctioned grants.	Department and Service Heads.	Total Renewals.
		Rs.
	I—General Supervision, Collection of Revenue etc.	
	A—General Superintendence—	
16.50	(*a*) Corporation and Standing Committee.	19,578
35.14	E—Miscellaneous charges	42,701
1.62	II—Water Works (including debt charges amounting to Rs. 1,03,731)	1,10,315
1.21	VI—Medical Relief and Education	26,703
1.73	VII—Street Cleansing and Conservancy, Road Watering and Halalkhore service (including debt charges amounting to Rs. 16,523)	53,100
1.43	VIII—Roads, Drains and Sewers (including debt charges amounting to Rs. 63, 959)	87,687
2.94	IX—Mechanical	38,143
.55	X—Buildings, Land Acquisition and Management (including debt charges amounting to Rs. 14,309)	16,977

Against the estimate of Rs. 2,36,955 shown in the Revised Estimates for lapsed grants required to be renewed, the actural figure now works out at Rs. 4,22,981, showing an increase of Rs. 1,86,026, over the former figure. This figure is made up of Rs. 2,05,879, on account of interest, etc., charges on Municipal debentures due but not paid upto the end of 1933-34 and the balance of Rs. 2,17,102, is intended for meeting liabilities incurred and to be incurred.

17. A detailed comparison between the actual expenditure during 1932-33 and 1933-34 will be found in Appendix No. 4.

The increases in expenditure aggregated Rs. 12,54,993 under certain heads (including Rs. 9,32,498, on account of increased contribution towards Improvement Schemes) and the decreases amounted to Rs. 8,72,511, under other heads, giving a net increase of Rs. 3,82,482.

The following were the main factors contributing to the Increases and Decreases :—

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
I.—General Supervision—			
A.—General Superintendence.—			
(c) Audit and Accounts ..	....	7,788	Decrease under Establishment charges.
E.—Miscellaneous charges	....	1,08,155	The total decrease came to Rs. 1,27,036, and the main items contributing to the same were (1) Law charges, General Rs. 1,04,358 (2) Repairs and Taxes, Rs. 11,638 and (3) Workshops deficit Rs. 14,070. The net decrease is arrived at after adjusting proportionate cost chargeable to water Works, Markets and Slaughter Houses and Improvement Schemes Account.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
F. Election expenses	....	21,397	The charges for the preceding year (*i.e.* 1932-33) included expenditure pertaining to the General Elections held in 1931-32 provided under renewed grants.
Proportion of General Supervision chargeable to Improvement Schemes Account.	Cr. 24,999	....	This is as per Standing Committee Resolution No. 665 of 26th September 1934.
II.—Water Works— Debt charges	....	7,679	Due to reduction in the rate of interest on loans taken up from Government during 1923-24 and 1924-25 with effect from 1st October 1933.
III.—Education Primary—			
A. Municipal Institutions	....	9,602	Due to less contribution to the Schools Committee.
V.—Public Health—			
C. Vaccination	....	25,487	Decrease mainly under the head purchase of lymph, there being more expenditure under this head in the preceding year owing to the Small-Pox epidemic.
VI.—Medical Relief and Education.— G. K. E. M. Hospital	....	29,468	Decrease mainly under (1) Establishment of Rs. 11,659 in respect of Dean's half cost and Nursing staff and (2) Diets of Rs. 16,890, due to favourable rates.
New Works	....	7,237	Due to smaller number of works executed.
Debt charges	....	6,861	Due to reduction in the rate of interest on loans, taken up from Government during 1923-24 and 1924-25 with effect from 1st October 1933.
VII.—Street Cleansing and Conservancy.— A. Street Cleansing and Conservancy			
(*a*) Superintendence and Inspection.	....	18,598	Due to the abolition of 7 posts of depot Attendants and to certain posts of Assistant Supervisors and Ward Clerks being kept vacant by rearranging the work.
(*e*) Removal of Town Refuse ..	....	29,070	There was a decrease of Rs. 40,831, in expenditure under Bullock Traction due to the reduction in the cost of labour owing to the introduction of mechanical transport, and in feed of bullocks due to favourable prices for fodder etc., and to live stock not being purchased and this was partly set off by an increase of Rs. 12,706, on account of maintenance and repairs at Mahaulxmi Loading Sidings.
(*f*) Miscellaneous	....	22,672	Decrease mainly under special repairs, Rent of Buildings and Telephone connections and water supply.
VII.—Street Cleansing & Conservancy.—			
B. Transport of Refuse to Deonar	36,408	....	Increase due to running two trains throughout the year instead of one train only throughout the year & the remaining one for six months only of the year as in the preceding year.
C. Road Watering	....	11,165	Due to roads being treated with asphalt.
D. Halalkhore Service— (*a*) Cleansing and Sanitation ..	....	12,974	Due to reduction of halalkhores on account of subvention scheme.
New Works	....	40,751	Smaller number of works executed.
Debt Charges	24,406	....	Partly due to the re-allocation of debt charges on the basis of actual expenditure incurred out of the recent loans and partly to the payment of interest on the advance of Rs. 8½ lakhs taken from the Special Funds during 1933-34.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
VIII.—Roads, Drains and Sewers			
A. General	....	23,749	Due mainly to the abolition of one post of Assistant Engineer 2nd grade.
B. Maintenance of roads	....	12,261	There was a decrease of Rs. 24,013 under ordinary repairs and maintenance which was partly set off by an increase of Rs. 5,738, under Bituminous Construction and of Rs. 7,630, under Renewal of Road Surfaces Fund.
C. Public Lighting	....	41,201	Decrease of Rs. 26,475, under the head Erection of new lamps and of Rs. 18,861, under maintenance of Incandescent oil lamps.
D. Cleansing of Drains and Sewers and street connections.	....	21,724	The items contributing to the decrease were Establishment, labour and cleaning drains etc., while an increase was recorded under Repairs and alterations.
Debt charges	....	23,317	Due to reduction in the rate of interest on loans taken up from Government during 1923–24 and 1924–25 with effect from 1st October 1933.
IX.—Mechanical—			
A. Mechanical Engineers Office ..	70,086	....	This expenditure was hitherto shown under the head Municipal Workshops under Suspense Account
B. Pumping & Compressor Stations.			
(*b*) Pumping Station Love Grove.	....	34,453	Decrease mainly under Repairs and, Maintenance, stores and Establishment charges due to electrification of the stations.
(*c*) Compressor Stations in the City—			
ii. Compressor Stations Victoria Gardens, Fergusson Road and Warden Road.	....	39,227	
D. Transport.—			
8. Removal of Town Refuse to Tardeo for Transport to Deonar.	18,102	....	The increases aggregated Rs. 36,491, *viz.* Rs. 21,212 under Establishment due to provision of 74 additional motor loaders and Rs. 15,279, under Repairs and Maintenance and were partly set off by a decrease of Rs. 15,053, under Running expenses.
11. Markets and Slaughter Houses.	....	10,425	Decrease in expenditure mainly of meat lorries.
New Works	5,740	....	Larger number of new works executed.
Debt charges	7,850	....	Due to the payment for the first time for the whole year of equated payment in respect of the advance of Rs. 9½ lakhs taken from Special Funds during 1932-33 and of interest on the advance of Rs. 8½ lakhs taken from the Special Funds during 1933-34.
X.—Buildings, Land Acquisition and Management.			
A. City Engineer's Central Office Establishment.	....	11,919	Due partly to posts of A. E. 2nd Grade and A. E. 3rd Grade being kept vacant for some period in the year and partly to certain temporary staff provided under this head being made permanent and allocated to different branches where the men were actually working.
B. Inspection and Supervision of Private Buildings.	11,205	....	Due to cost of new staff appointed to cope with the drainage work transferred to this Branch and of additional sub-overseers required in connection with the licensing of stall boards.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
X.—Buildings, Land Acquisition and Management (*contd*).—			
C. Architectural	16,051	....	These variations are due to the adjustment of cost of Establishment and supervision between the Municipal Account and the Improvement Schemes Account as per S. C. R. No. 665 of 26th September 1934.
D. Land Acquisition and Management.	9,394	....	
E. Proportionate charge on account of Improvement Schemes' supervision.	3,031	....	
Proportionate share of cost of Establishment and supervision chargeable to Improvement Schemes Account.	Cr. 53,731	....	
New Works	13,502	....	Larger number of new works executed.
Debt charges	....	1,17,066	Due to reduction in the rate of interest on loans taken up from Government during 1923–24 and 1924–25 with effect from 1st October 1933.
XI.—Fire Brigade	....	33,906	Mainly due to charges for the year 1933-34 on account of telephone connections and fire alarms saved to the Municipality under the terms of the revised agreement with the Bombay Telephone Co., Ltd.
XIV.—Markets and Slaughter Houses			
(*b*) Municipal Markets	....	11,410	Decrease of Rs. 5,693, under the head Special Repairs and the balance comprises small decreases under different other heads.
XV.—Contribution towards Improvement Schemes.	9,32,498	....	Due to additional contribution payable consequent on the amalgamation of the C. I. Trust with the Municipality this year.
XVI.—Provident Fund, Pensions, Gratuities and Compassionate allowances.—			
A. Provident Fund.	72,561	....	Allowing for a credit of Rs. 35,781, booked in the preceding year in connection with the contribution from the Schools Committee, the net increase comes to Rs. 36,780, which is due to increments to staff and large number of new entries from the labour class.
B. Pension, Gratuities etc.—	59,456	....	Of this, Rs. 35,666, is on account of pensions and the balance of Rs. 23,790, is on account of gratuities and compassionate allowances

LOAN FUNDS.

18. In the budget for 1933–34 the loan to be raised in that year was estimated at Rs. 12 Lakhs. The Corporation under their Resolution No. 3026 of 13th July 1933 increased the amount of the loan to be raised by Rs. 1 lakh for meeting charges on account of subvennion granted for conversion of basket privies into water closets; but owing to the savings accrued on completed works, a loan of Rs. 11 lakhs only was considered sufficient. Instead of raising the money in the open market the Corporation under Resolution No. 4960 of 18th September 1933 sanctioned an advance of Rs. 11 lakhs from the Special Funds on the basis of 4 per cent interest and repayment by means of equated payments within 30 years. The actual amount of advance taken during the year was Rs. 11½ lakhs comprised of Rs. 3½ lakhs being the balance out of the advance of Rs. 13 lakhs sanctioned for 1932–33 and Rs. 8 lakhs out of the advance of Rs. 11 lakhs sanctioned for 1933–34.

LOAN WORKS EXPENDITURE.

19. The opening balance on 1st April 1933 on account of Loan Funds excluding the Trust Funds was Rs. 28,272. During the year, an advance from the Special Funds of Rs. 11½ lakhs was taken for financing the Loan Works expenditure. The total funds thus available were

Rs. 11,78,272. The actual expenditure incurred on the Loan Works during the year amounted to Rs. 11,46,867, leaving an unspent balance of Rs. 31,405 at the close of the year.

20. The following statement contrasts the expenditure on Capital Works with the Budget and the Revised Estimates during the last five years :—

Year.	Loan and Trust Funds.			Percentage by which actuals fell short of Budget Estimates.	Percentage by which actuals fell short of Revised Estimates.
	Budget Estimates.	Revised Estimates.	Actuals.		
	Rs.	Rs.	Rs.		
1929–30	40,68,116	43,86,347	29,43,178	28	33
1930–31	30,65,638	24,05,724	14,16,223	53	41
1931–32	*21,17,849	*18,58,887	*13,42,975	37	28
1932–33	*13,40,300	*13,40,666	*9,21,845	31	31
1933–34	*10,08,499	*11,28,421	*8,70,346	14	23

* These figures do not include the amount on account of subvention.

It may be further noted that the Revised Estimates exclusive of the amount for subvention prepared by the Departmental officers were cut down from Rs. 11,69,895 to Rs. 11,28,421. The estimates adopted by the Standing Committee and the Corporation were for Rs. 14,78,421 including Rs. 3,50,000 on account of subvention. The amount of Rs. 8,70,346 shown as the actual expenditure is arrived at as follows :—

	Rs.
Expenditure as shown in the summary of Appendix No. 8 ..	12,18,796
Less—Expenditure on a/c of subvention	3,48,450
Rs. ..	8,70,346

It will be seen from the above that although the Departmental Officer's demand for about Rs. 11¾ lakhs was cut down to Rs. 11¼ lakhs in the Revised Estimates yet the actual expenditure booked amounted to even less than Rs. 8¾ lakhs, *i.e.*, 23 per cent less than the Revised Estimates. I have repeatedly drawn attention in the previous reports to this disparity between Estimates and Actuals. It is however gratifying to note that the percentage by which the actuals are out of the Revised Budget has decreased to 23 and is the lowest for the last 5 years. It is necessary that greater care is exercised by the Executive Officers in making demands, otherwise no further improvement is possible in this respect.

Appendix No. 8.

21. The following statement shows the figures of actual expenditure as compared with the Revised Estimates under the major heads :—

	Revised Estimates.	Actuals.
Loan Works.	Rs.	Rs.
II.—Water Works	10	*Cr.* 124
III.—Education, Primary	2,070	1,974
VI..—Medical Relief and Education	13,000	6,574
VII.—Street Cleansing, Conservancy Road watering and Halalkhore service	3,50,000	3,48,010
VIII.—Roads, Drains and Sewers	7,99,699	6,32,333
IX.—Mechanical	1,29,000	1,02,546
X.—Buildings, Land Acquisition &c.	1,12,680	55,946
XIII.—Gardens and Open spaces	....	*Cr.* 384
XIV.—Markets and Slaughter Houses	....	*Cr.* 8
Total Rs. ..	14,06,459	11,46,867

22. Following the classification made of all the Loan Works under three distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay, the allocation of outstanding debt as at 31st March 1934 and the debt charges involved during 1933-34 will be seen from the following :—

Particulars of City Service.	Amount of Loan outstanding on 31st March 1934.	Debt charges for 1933-34.			
		Debt Interest.	Sinking Fund and repayments.	Bank's Commission and Mis. Loan charges.	Total Debt charges.
	Rs.	Rs.	Rs.	Rs.	Rs.
General Services	9,52,42,545	47,73,019	25,77,338	12,142	73,62,499
Self-supporting services—					
Water Works	7,15,68,145	38,86,662	16,26,853	11,198	55,24,713
Markets and Slaughter Houses	23,36,775	2,34,534	1,00,103	461	3,35,098
Total Rs. ..	7,39,04,920	41,21,196	17,26,956	11,659	58,59,811
Grand Total Rs. ..	16,91,47,465	88,94,215	43,04,294	23,801	1,32,22,310

SINKING FUNDS.

23. From Appendix No. 10 it will be seen that inclusive of the securities at book value and the cash with the Imperial Bank of India *viz.*, Rs. 2,90,72,442 and interest accrued, Rs. 3,74,400 the invested balance of the Sinking Funds on 31st March 1934 amounted to Rs. 2,94,46,842. Valuing the Municipal and Improvement Trust Debentures at par, the market value of Sinking Fund Investments held on 31st March 1934 comes to Rs. 3,11,12,238. The amount of interest accrued up to 31st March 1934 is Rs. 3,74,400 and cash with the Imperial Bank of India is Rs. 455. The total amount of Sinking Fund Investments so valued comes to Rs. 3,14,87,093 which is the amount to which the Sinking Funds should have accumulated upto 31st March 1934.

24. The following statement summarises the debt position at the end of the year during the last three years.

Year.	Debt outstanding.	Sinking Fund accumulations.	Debt charges.
	Rs.	Rs.	Rs.
1931–32	17,72,55,245	3,27,97,995	1,32,51,618
1932–33	17,09,24,526	2,98,47,474	1,33,53,226
1933–34	16,91,47,465	2,90,72,442	1,32,22,310

LIABILITIES AND ASSETS.

Appendices Nos. 5 and 7.

25. It will be seen that the gross revenue liabilities of the Corporation stood at Rs. 2,78,94,581, the assets being Rs. 3,13,90,324. The difference of Rs. 34,95,743 represents the Surplus Revenue Funds as shown in Appendix No. 2.

26. The gross capital liabilities of the Corporation including the balances available on account of Trust Fund and Worn-out Water Mains and Renewal Fund stood at Rs. 16,94,99,295 at the close of the year under report and the assets at Rs. 28,00,02,552 resulting in a surplus of Rs. 11,05,93,257 the details of which are shown in Appendix No. 7.

INVESTMENTS AND INVESTED BALANCES.

27. The total sum of investment and reinvestment in Current Account and Fixed and Call deposits during the year aggregated to Rs. 4,40,25,000 and the average number of days during which this sum remained invested was 74.02. This is equivalent to an investment of Rs. 89,27,708 throughout the year.

The details are as follows :—

Particulars.	Amount.	Average No. of days.
	Rs.	Rs.
(1) Current Account Deposits..	97,25,000	38.34
(2) Fixed Deposits	2,90,50,000	97.59
(3) Deposits at call and at 7 days' notice	52,50,000	9.67
Total Rs. ..	4,40,25,000	74.02

The interest earned during the year amounted to Rs. 2,69,490 and the deatails are as follows :—

	Rs.
(1) On Current Account Deposits	12,094
(2) On Fixed Deposits	1,67,892
(3) On Deposits at Call	2,577
	1,82,563
(4) On Investments in Government and other Securities &c.	86,927
Total Rs. ..	2,69,490

The average rate of interest on Current Account Deposits was 1.18 per cent against 2.25 per cent in the preceeding year. The average rate of interest on fixed deposits was 2.16 per cent against 2.97 per cent in the preceeding year and on deposits at call was 1.85 per cent against 2.93 per cent in the preceeding year. The rate realised on fixed deposits ranged from $1\frac{1}{4}$ per cent to 3 per cent and on deposits at call from 1 per cent to $2\frac{1}{4}$ per cent. The maximum rates realized in the preceeding year were $4\frac{3}{4}$ per cent on fixed deposits and $4\frac{1}{2}$ per cent on deposits at call.

The average rate of interest on all deposits was 2.04 per cent as against 3.19 per cent in the preceeding year.

SPECIAL FUNDS.

Appendices Nos. 6 *and* 16.

28. The opening balances to the credit of the different special funds, the additions made thereto, and the withdrawals made there-from and the closing balances during the year are shown in Appendix No. 6. The details of different investments and the current market value are shown in Appendix No. 16, while Appendices Nos. 5 and 7 contain the total amount of paper held in each Fund and the cash balance to its credit at the Imperial Bank of India.

WATER WORKS ACCOUNT.

Appendix No. 12.

Income and Expenditure Account.

29. The following statement shows the Income and the Expenditure for the year as contrasted with the Budget Estimates and the Actuals for the preceeding year :—

	1933-34.		Actuals for 1932-33.	Increase or Decrease as compared with.	
	Budget.	Actuals.		The Budget.	The previous year's actuals.
	Rs.	Rs.	Rs.	Rs.	Rs.
Income on value	29,62,000	29,72,921	29,52,107	+ 10,921	+ 20,814
By Measurements	32,40,000	31,73,017	32,68,902	— 66,983	— 95,885
Miscellaneous	1,91,500	1,71,662	1,85,176	— 19,838	— 13,514
	63,93,500	63,17,600	64,06,185	— 75,900	— 88,585
Expenditure Maintenance ..	10,97,396	10,57,303	10,88,457	— 40,093	— 31,154
Debt Charges	55,90,271	55,24,713	55,32,392	— 65,558	— 7,679
	66,87,667	65,82,016	66,20,849	— 1,05,651	— 38,833
	— 2,94,167	— 2,64,416	— 2,14,664	....	....

Appendix No. 12A.

ASSETS AND LIABILITIES.

30. The liabilities at the close of the year stood at Rs. 8,72,93,205 and the Assets aggregated Rs. 11,12,00,580. The excess of asseets over liabilities thus amounted to Rs. 2,39,07,375.

MARKETS AND SLAUGHTER HOUSES ACCOUNT.

Appendix No. 13.

INCOME AND EXPENDITURE ACCOUNT.

31. The following statement shows the Income and Expenditure for the year as compared with the Budget Estimates and the Actuals for the preceeding year :—

	1933-34.		Actuals for 1932-33.	Increase or Decrease as compared with.	
	Budget.	Actuals.		The Budget.	The previous year's Actuals.
	Rs.	Rs.	Rs.	Rs.	Rs.
Income	11,63,000	11,21,425	11,34,000	— 41,575	— 12,575
Expenditure under IX—Mechanical D—Transport and E—Refrigerator	88,390	72,577	82,766	— 15,813	— 10,189
Under XIV—Markets & Slaughter Houses	6,47,693	6,14,680	6,33,777	— 33,013	— 19,097
	7,36,083	6,87,257	7,16,543	— 48,826	— 29,286
Total ..	+ 4,26,917	+ 4,34,168	+4,17,457	....	....

SUSPENSE ACCOUNTS WORKSHOPS.

32. As sanctioned by the Corporation under their resolution No. 2587 of 29th June 1933 and No. 3025 of 13th July 1933 the revised system of accounts prescribed for the Municipal Workshops for a trial period of three years *viz.*, meeting the standing charges of the Workshops by debiting them to the Revenue every year, only a nominal charge at $3\frac{1}{8}$ per cent. on the job amount being made therefore was given effect to from 1st March 1934.

33. The following statement shows the opening and closing balances of recoverable advances for the year 1933-34.

	Balance at the beginning.	Balance at the close.	REMARKS.		
	Rs.	Rs.			
Departmental Works (including Municipal Workshops)	43,490	37,556			
Private Works	32,933	33,027			
Asphalt Plant, Crushers &c. ..	45,907	80,358	The closing balances of outstanding bills and of Stocks on hand at Asphalt Plant, at Sewri and Love Grove Crushers and for Mechanical tranport aggregated Rs.		1,02,857
				Rs.	Rs.
			Deduct-Profit in respect of Asphalt Plant for 1933-34 to be adjusted during 1934-35	11,574	
			Amount due on account of Royalty	10,925	22,499
					80,358
Carried forward ..	1,22,330	1,50,941			

	Balance at the beginning.	Balance at the close.	Remarks.
	Rs.	Rs.	
Brought over	1,22,330	1,50,941	
Municipal Officers	18,634	17,751	
Miscellaneous Advances	2,60,614	84,026	Includes Rs. 75,226 on account of Improvement Schemes Account.
Building certificate forms &c. ..	62	20	
B. B. & C. I. Rly. & G. I. P. Rly. ..	8,000	....	
Municipal Contractors &c.	200	6,319	
Purchase of Coal	14,560	17,315	Represents the value of coal on hand at the close of the year.
Purchase of Petrol	5,136	7,466	Shows the value of petrol on hand at the close of the year together with outstanding bills.
	4,29,536	2,83,838	
Advances from Special Funds for Capital Works.	17,74,294	28,67,020	This represents the aggregate balance out of the advances taken from Special Funds from time to time for Capital Works as sanctioned by the Corporation repayable on the basis of equated payments.
Advance from Plant and Machinery Depreciation Fund for purchase of Machinery &c.	....	56,484	This represents advance for purchase of Plant and Machinery to be recovered by means of the provisions for Depreciation to be made in subsequent years.
Charges met out of advance from Plant and Machinery Depreciation Fund for levelling metalling &c. Private Streets.	1,18,890	79,260	Represents the outstanding balance of recoveries to be made from various frontagers &c. of Private Streets for cost of improvements carried out under Section 489 of the Municipal Act.
	18,93,184	30,02,764	
Total Rs. ..	23,22,720	32,86,602	

DEPOSITS.

Appendix No. 14-B.

34. The opening balances on 1st April 1933 stood at Rs. 18,98,953. The credits during the year amounted to Rs. 91,40,125 and the debits to Rs. 71,27,846. The closing balances aggregated Rs. 39,11,262 resulting in an increase of Rs. 20,12,279 as compared with the previous year. The closing balances include a sum of Rs. 14,69,613 on account of Improvement Schemes Account and therefore the net increase comes to Rs. 5,42,666. There were increases of Rs. 68,358 under Cash Deposits from private parties received through departmental officers (City Engineer Rs. 49,633, Hydraulic Engineer Rs. 10,034 and other Officers Rs. 8,691), Rs. 9,96,700 under paper deposits kept in office, counterbalanced by decrease mainly under Paper Deposits from contractors kept in Bank of Rs. 1,04,560, under cash deposits from contractors of Rs. 24,183, under cash deposits from tenderers of Rs. 31,853, under cash deposits from private parties received through Departmental Officers (Assessor and Collector) of Rs. 1,86,690 and under other cash deposits of Rs. 1,79,272.

RESERVE STOCK.

35. The opening balance and the receipts of General Stores during the year as per my books were Rs. 2,72,583 and Rs. 3,42,663 respectively and the issues amounted to Rs. 3,87,618. The closing balance of General Stores was therefore Rs. 2,27,628 *i.e.* less by Rs. 44,955 than the opening balance.

36. The verification of the reserve stock for the year 1933-34 was commenced in October 1933 and completed in January 1934. It is satisfactory to note that this year there were minor discrepancies in the stock resulting in a net excess of Rs. 6-8-0 only.

DEPARTMENTAL STOCK VERIFICATION.

37. Verification of all stocks of consumable stores including Stationery, Plant, Machinery, Animals, Furniture &c., was undertaken during the year. The programme of verification was slightly altered and surprise checks instituted in the various offices situated in different Wards in the City. The registers were found posted regularly and minor discrepancies were rectified as early as possible.

The stock of Furniture of the Trust Offices was also verified since the date of the amalgamation of the City Improvement Trust with the Bombay Municipality and dead stock registers opened in accordance with the Municipal system.

Detailed verification of the Central Stores as well as the verification of Line Suspense Account and other stores outside Bombay were also completed and the records of receipts and issues were found to be satisfactory.

38. The balances of General Serviceable Stores in charge of the Storekeeper are compared below for the last five years :—

	Rs.
Balance at the close of 1929-30	4,75,227
Do. do. 1930-31	3,52,720
Do. do. 1931-32	2,93,533
Do. do. 1932-33	2,72,583
Do. do. 1933-34	2,27,628

CAPITAL STORES.

The opening balance of Rs. 2,47,801 together with the receipts of Capital Stores during the year aggregated Rs. 3,65,641 and the issues Rs. 1,37,397 thus resulting in a decrease of Rs. 19,557 in the closing balance of Capital Stores viz., Rs. 2,28,244 as compared with the opening balance.

STREET IMPROVEMENTS.

39. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of setbacks was Rs. 2,00,000 the expenditure being Rs. 1,62,218.

After deducting all ascertained time barred claims, the undischarged commitments upto 31st March 1934 in regard to setbacks already acquired and sanctioned to be acquired amount to Rs. 10,37,518 against which we have a provision of Rs. 2,00,000 in the 1934-35 Budget. In addition to this, further liabilities may be expected on account of further acquisition of setbacks that will be sanctioned during the year 1934-35.

LEVELLING METALLING, ETC., PRIVATE STREETS.

40. The expenditure on the improvement of private streets is financed in the first instance from the Plant and Machinery Depreciation Fund pending recovery from the house owners.

The following statement shows the figures of advance sanctioned, expenditure incurred and recoveries made during the last five years.

Year.	Grant Advance from Plant and Machinery Depreciation Fund.	Expenditure.				Recoveries inclusive of interest and supervision charges.
		Actual expenditure on works.	Supervision charges.	Interest etc., on advance.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1929-30	1,28,000	40,988	8,488	8,759	58,235	69,735
1930-31	1,17,600	18,512	9,445	7,946	35,903	66,905
1931-32	61,610	35,086	8,692	6,607	50,385	63,966
1932-33	70,000	36,907	8,572	5,992	51,471	65,700
1933-34	75,000	11,861	10,450	4,498	26,809	66,439
Total ..	....	....	....	....	2,22,803	3,32,745

The amount of recoveries to be made, outstanding on 1st April 1929 was Rs. 1,89,202. Adding Rs. 2,22,803 on account of expenditure incurred during the years 1929-30 to 1933-34 and deducting Rs. 3,32,745 recovered during the same period, the amount outstanding at the close of the year 1933-34 comes to Rs. 79,260 as shown in Appendix No. 5.

CONVERSION OF INSANITARY PRIVIES INTO WATER-CLOSETS.

41. The scheme of accelerating the conversion of insanitary basket privies into water-closets by subsiding houseowners was sanctioned under Corporation Resolution No. 2087 of 14th June 1927. The total number of privies in sewered area to be converted was estimated at 33,000. Subventions granted to houseowners were at the rate of Rs. 100 per seat upto 30th September 1929, thereafter at Rs. 75 per seat upto 30th April 1931, at Rs. 50 per seat from 1st May 1931 to 30th November 1931, no subsidy being payable after 1st December 1931.

The following statement shows the number of privies converted and the subsidy granted for the last six years :—

Year ending	No. of privies converted at Rs. 100 per seat.	Amount.	No. converted at Rs. 75 per seat.	Amount.	No. converted at Rs. 50 per seat.	Amount.	Total.	
							No. converted.	Amount paid.
		Rs.		Rs.		Rs.		Rs.
31-3-1929 .	904	90,400	..	..	..	..	904	90,400
31-3-1930 .	4,752	4,75,200	..	..	..	..	4,752	4,75,200
31-3-1931 .	4,878	4,87,800	2,496	1,87,200	..	..	7,374	6,75,000
31-3-1932 .	999	99,900	5,304	3,97,800	46	2,300	6,349	5,00,000
31-3-1933 .	88	8,800	2,306	1,72,950	1,365	68,250	3,759	2,50,000
31-3-1934 .	32	3,200	796	59,700	711	35,550	1,539	98,450
Total ..	11,653	11,65,300	10,902	8,17,650	2,122	1,06,100	24,677	20,89,050

The number of halalkhores before the commencement of the conversion was 2,021 and on 31st March 1934 the number was reduced to 885. Allowing for a part of the reduction due to redistribution of the work, the saving on account of the pay of 1,136 halalkhores amounts to Rs. 3,20,352 per annum as against the debt charges of Rs. 1,51,401 per annum.

IMPROVEMENT SCHEMES.

General Account.

Income.

42. The total income for the year amounted to Rs. 1,00,41,690 as against Rs. 87,10,490 for the preceding year. Deducting from these figures the contribution from Capital on account of the proportionate cost of Management, the real income for the year amounted to Rs. 97,36,033 as against Rs. 81,46,763 for the preceding year, showing an increase of Rs. 15,89,270 which is mainly due to (1) increased contribution from the Corporation of Rs. 9.33 lakhs consequent on the amalgamation of the C.I. Trust with the Municipality during the year under report, (2) increased receipts of Rs. 4 lakhs from the tobacco duty and (3) increased realizations of Rs. 2.76 lakhs in respect of interest and profit on Investments due to large amount of invested balances partly counterbalanced by a decrease of Rs. ·20 lakh mainly under Rents and other Proceeds of Properties. This income of Rs. 97.36 lakhs is made up of land Revenue, Rs. 49.16 lakhs, Municipal Contribution Rs. 32.85 lakhs, Tobacco Duty Rs. 11.43 lakhs and Miscellaneous Rs. 3.92 lakhs. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 24.

EXPENDITURE.

43. The total expenditure for the year aggregated Rs. 1,13,17,042 as against Rs. 1,17,05,196 for the preceding year and after deducting from these figures the cost of management chargeable to Capital Account, the real expenditure amounted to Rs. 1,10,11,385 as against Rs. 1,11,41,469 for the preceding year. The decrease of Rs. 1,30,084 represents savings in Establishment charges. The expenditure of Rs. 110.12 lakhs comprises *A* Maintenance of Properties and steets Rs. 11.87 lakhs of which Rs. 4.01 lakhs are on account of the cost of Management and Establishment *C* Debt Charges Rs. 98.23 lakhs and Miscellaneous Rs. 2,000. Appendix No. 25 gives a comparison between the Budget Estimates and the Actuals.

44. The net deficit for the year amounts to Rs. 12,75,352 as shown in Appendix No. 23.

LOANS.

45. The Loan liabilities at the beginning of the year stood at Rs. 17,21,82,909. During the year Rs. 15,033 were repaid to Government on the basis of equated payments. The outstanding loan liabilities at the close of the year thus stood at Rs. 17,21,67,876. Out of this, the amount outstanding on account of Government Loans is shown in Appendix No. 30 as Rs. 8,88,73,876, but it does not mean that so much is really due to Government. Out of the debentures held by Government, debentures are re-purchased every year for the purpose of

Sinking Fund investments and the debentures thus held on 31st March 1934 amount to Rs. 1,02,00,000. The liability to Government on this account amounts therefore to Rs. 7,86,73,876 In the revised budget estimate for the year 1933-34 the loan to be raised was estimated at Rs. 5 lakhs but as there was sufficient balance in the Capital Account no loan was raised.

CAPITAL ACCOUNT.

46. The opening balance on 1st April 1933 was Rs. 56,21,847. During the year under report the receipts on account of sale proceeds of land and buildings amounted to Rs. 11,89,406. The total funds thus available were Rs. 68,11,253. Against this, the expenditure incurred on works amounted to Rs. 3,91,970. The deficit in the General Account for the year amounted to Rs. 12,75,352 and was met from the balance in the Capital Account. The unspent balance at the close of the year thus stood at Rs. 51,43,931.

EXPENDITURE ON SCHEMES.

Appendix No. 27.

47. The actual expenditure incurred during the year on Schemes amounted to Rs. 3,91,970 (Rs. 4,03,169 less. Cr. Rs. 11,199) as against the Revised Estimates of Rs. 8,73,125. The total expenditure on Schemes upto 31st March 1934 amounted to Rs. 18,34,46,044 which includes Rs. 14,53,359 on account of the discount on loans.

SINKING FUNDS.

48. The amount of the Sinking Fund on 1st April 1933 was Rs. 1,75,67,684 and on 1st October 1933 the date of the amalgamation of the Trust with the Municipality it was Rs. 1,83,33,351. The accumulations of the fund during the 2nd half of the year are as follows:—

Amount of Fund on 1st October 1933.	Interest realizations from 1st October 1933 to 31st March 1934.	Sinking Fund Instalments from 1st October 1933. to 31st March 1934.	Total amount of the Fund on 31st March 1934.
Rs.	Rs.	Rs.	Rs.
1,83,33,351	4,09,440	3,67,190	1,91,09,981

From Appendix No. 29 it will be seen that the invested balance of the Sinking Funds on 31st March 1934 amounted to Rs. 1,92,48,658 made up of the amount of the securities at book value and cash with the Imperial Bank of India aggregating Rs. 1,91,09,981 plus Rs. 1,38,677 on account of accured interest. Valuing the B.I. Trust and Municipal Debentures at par, the Market value of the Sinking Funds Investments held on 31st March 1934 comes to Rs. 1,95,06,505. The amount of interest accrued upto 31st March 1934 is Rs. 1,38,677 and cash with the Imperial Bank of India is Rs. 21. The total amount of Sinking Fund Investments so valued comes to Rs. 1,96,45,203 against Rs. 1,76,58,236 the amount to which the Sinking Funds should have accumulated upto 31st March 1934.

LIABILITIES AND ASSETS.

APPENDIX No. 26.

49. The gross capital liabilities of the Improvement Schemes including Book-value of lands comprised in Schedules " W " & " X " stood at Rs. 18,23,64,294 at the close of the year under report and the assets at Rs. 21,24,96,374 resulting in a surplus of Rs. 3,01,32,080, the details whereof are shown in Appendix No. 26. This surplus of Rs. 3,01,32,080 represents the aggregate accumulations of Sinking Fund together with repayment of Loans plus the sale proceeds of lands and less the deficits on General Account to date.

GENERAL REMARKS.

(000 *omitted*).

50. The year under report will be remembered as the year of amalgamation of the City Improvement Trust with the Municipality and this was given effect to from 1st October 1933. With the amalgamation the contribution to be made by the Corporation towards the General Account of the Improvement Schemes was increased, under Bombay Act XIII of 1933, from 2 to 3 times the actual net realizations of the Corporation in the preceding year under the head

of General Tax or payments made in lieu of General Tax divided by the rate fixed for the General Tax for the said financial year. The budgetted expenditure for the year was accordingly more by an amount equal to the realizations of 1 per cent General Tax *viz.*, Rs. 11,50 and this accounts for the major portion of the large deficit of Rs. 18,37 budgeted for the year, the estimated income and expenditure being Rs. 3,17,32 and Rs. 3,35,69 respectively. The actual income was Rs. 3,14,16 and the expenditure amounted to Rs. 3,25,52 and the year thus closed with an actual deficit of Rs. 11,36 as against the budgetted deficit of Rs. 18,37. This is thus the fourth year of successive deficits.

In these circumstances the actual results showing a deficit of Rs. 11,36 must be considered satisfactory, and may be attributed to the strenuous efforts made to reduce expenditure during the year. In this connection no credit can be taken for the reduction of Rs. 1,47 in expenditure on account of the contribution towards Improvement Schemes as the budget provision is based on the estimated proceeds from General Tax of the year, the actual payment being made on the basis of the receipts from General Tax in the previous year.

Taking into account the increase of Rs. 59 in the cost of Pension and Provident Fund, which is not subject to any control, and allowing for a decrease of Rs. 2,38 in debt charges due mostly to a reduction in the rates of interest on Government Loans taken in 1923-24 and 1924-25, the real reduction in expenditure comes to Rs. 6,91 which must be conceded as quite satisfactory especially in view of the budget grants having been already reduced to a great extent. In spite of this large reduction in expenditure, the deficit would have been much more had it not been for the sale of certain large and valuable plots of land, which brought in Rs. 7,71 over and above the budgetted amount of Rs. 5,00.

As the four successive years of deficits including the year under report have depleted the surplus cash balance by as much as Rs. 43,17, the year closed with a balance of Rs. 6,89 only. Further, during the same period we have transferred towards revenue Rs. 11,06 from Special Funds. The financial difficulties responsible for the inroads thus made on the reserves of the Corporation do not yet seem to be over. On the contrary they have increased since the close of the year owing to the abolition of the Cotton Duty with effect from 1st April 1934, and the need for finding additional sources of revenue is therefore imminent.

Before concluding, I would like to acknowledge with gratitude the very great assistance I and my staff always received from Khan Bahadur H. S. Katrak who was one of the Auditors of the Corporation for a continuous period of 16 years *i.e.*, from 1918-19 to 1933-34 ; the accounts for the year under report were thus the last to be audited by him. His knowledge of Government Accounts, Civil Service Regulations, Fundamental Rules and Audit Instructions issued by the Auditor General to the Government of India was always valuable when questions of interpreting the Municipal Rules and other matters connected with the Municipal Accounts offered difficulties. His advice was then freely sought and it was as freely given by him. He had a wonderful capacity to take pains and considering his age his energy was marvellous. He considered no details too small for his examination. His certificate for the correctness of the accounts from week to week and month to month was therefore a guarantee that everything was right. Always courteous and smiling, his genial personality will be missed from the office by all of us.

I have the honour to be,

Sir,

Your most obedient servant,

M. R. TAMBE,

Chief Accountant.

APPENDICES.

MUNICIPAL ACCOUNT.

No. 1.—General Financial Statistics.

No. 2.—Statement of Surplus Revenue Fund for 1933-34.

No. 3.—Statement showing the Income realised during 1933-34 as compared with estimates for the year as also with the actuals for the preceding year.

No. 4.—Statement showing the expenditure during 1933-34 as compared with the Final sanctioned grants and the Actuals for the preceding year.

No. 5.—Balance Sheet (Revenue) as at 31st March 1934.

No. 6.—Statement of Special Funds for 1933-34.

No. 7.—Balance Sheet (Capital Funds) as at 31st March 1934.

No. 8.—Block Account, showing details of Capital Expenditure upto 31st March 1934.

No. 9.—Statement showing (1) the total amount of Municipal loans raised, (2) the expenditure incurred there against and (3) the invested balances of the loans on 31st March 1934.

No. 10.—Statement showing the actual investment on account of the Sinking Fund of different Municipal loans upto 31st March 1934 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund as at 31st March 1934.

No. 11.—Statement showing outstanding loans due by the Municipality, the interest outstanding on 1st April 1933 on the different loans, the amount payable for the year 1933-34 the amount paid by the Imperial Bank of India and in office during that year and the balances outstanding on 31st March 1934.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1933-34 and preceding 5 years from water supply through meters.

No. 12A.—Water Works Assets and Liabilities.

No. 13.—Markets and Slaughter Houses, Income and Expenditure Account for 1933-34.

No. 14.—Statement of Advance Accounts for 1933-34.

No. 14A.—Statement of Advance Accounts out of Special Funds for 1933-34.

No. 14B.—Statement of Deposit Accounts for 1933-34.

No. 14C.—Statement of Reserve Stores Stock Accounts for 1933-34.

No. 14D.—Statement of interest accrued but not paid in respect of the Municipal loans outstanding on 31st March 1934.

No. 15.—Statement of amounts of receipts and expenditure respectively credited and debited to the Municipal Fund during the year 1933-34 and the balance at the credit of the Fund at the close of the year 1933-34 (*i.e.*, 31st March 1934).

No. 16.—Comparison of Face, Purchase, and Market values at 31st March 1934 of the different securities held in the Special Funds.

No. 16A.—Comparison of Face, Purchase and Market values at 31st March 1934 of the different securities held in the Sinking Funds.

No. 16B.—Statement showing amounts of and the objects for which the donations held under Public Monuments Maintenance Fund are received from different parties upto 31st March 1934.

No. 16C.—Statement showing the amounts of and the object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1934.

No. 17.—Statement of Town Duties collected and refunds allowed in 1933-34.

No. 18.—Statement of net proceeds of Cotton Duty during 1933-34 and the share of the Government and the Municipality.

No. 19.—Statement of the Income of the Bombay Municipality from 1865 to the close of the financial year 1933-34.

No. 20.—Statement of the Expenditure of the Bombay Municipality from 1865 to the close of the financial year 1933-34.

No. 21.—Contrasted statement of Income and Expenditure from the year 1865 to the financial year 1933-34.

IMPROVEMENT SCHEMES ACCOUNT.

No. 22.—General Financial Satistics.

No. 23.—General Account for the year 1933-34.

No. 24.—General Account for 1933-34—Details of Income.

No. 25.—General Account for 1933-34—Details of Expenditure.

No. 26.—Balance Sheet (Capital Account) as at 31st March 1934.

No. 27.—Block Account showing capital expenditure upto 31st March 1934.

No. 28.—Statement showing scheduled lands as specified in the Schedules W to Z annexed to Act XIII of 1933.

No. 29.—Statement showing the actual investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1934 compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund, as at 31st March 1934.

No. 30.—Statement showing oustanding loans of the Bombay Improvement Trust due by the Municipality, the interest oustanding on 1st April 1933 on the different loans, the amount payable for the year 1933-34, the amount paid during that year and the balances outstanding on 31st March 1934.

No. 31.—Comparison of Face, Purchase and Market values at 31st March 1934 of the different securities held in the Sinking Fund.

Appendix No. 1.

General Financial Statistics.

——	1929-30.	1930-31.	1931-32.	1932-33.	1933-34.
General.					
1. Area of the City (acres) ..	15,690	15,714	15,714	15,714	15,714
2. Population..	1,333,090	1,161,383	1,161,383	1,161,383	1,161,383
Rates and Assessments.					
3. Ratable value .. Rs.	13,31,79,886	13,50,26,397	13,18,35,939	12,97,33,261	12,89,40,777
4. Ratable value per head of population	Rs. 99-14-5	Rs. 116-10-4	Rs. 113-8-3	Rs. 111-11-4	Rs. 111-0-4
5. Properties registered in the Assessment Book ..	46,544	46,515	46,554	47,255	47,749
Income.	Rs.	Rs.	Rs.	Rs.	Rs.
6. General Tax at 11 per cent.	1,27,10,958	1,29,50,889	1,29,37,243	1,20,42,746	1,22,45,281
7. Income from other sources	2,04,29,140	1,90,95,783	1,89,76,933	1,79,59,635	1,91,70,690
Total Income .. Rs.	3,31,40,098	3,20,46,672	3,19,14,176	3,00,02,381	3,14,15,971
8. Incidence of Taxation per head	Rs. 24-9-2	Rs. 24-1-2	Rs. 23-2-0	Rs. 22-2-9	Rs. 22-7-7
Loans.	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ..	18,09,63,341	17,94,36,065	17,72,55,245	17,09,24,526	16,91,47,465
10. Redemption and Sinking Funds in hand or invested	3,14,02,082	3,06,71,480	3,27,97,995	2,98,47,474	2,90,72,442
11. Net Loan Debt	14,95,61,259	14,87,64,585	14,44,57,250	14,10,77,052	14,00,75,023
12. Net Debt per head of population	Rs. 112-3-1	Rs. 128-8-3	Rs. 124-6-2	Rs. 121-7-7	Rs. 120-9-9
Expenditure.	Rs.	Rs.	Rs.	Rs.	Rs.
13. Primary Education ..	30,04,303	29,44,897	30,61,145	31,92,895	31,80,443
14. Medical Relief and Education	16,90,793	18,23,641	17,40,480	17,13,017	16,56,005
15. *Water Works.* Maintenance ..	11,97,865	12,66,526	11,91,970	10,88,457	10,57,303
Debt charges ..	56,63,099	56,10,183	55,83,634	55,32,392	55,24,713
16. Other City services ..	1,40,73,301	1,36,26,773	1,30,83,516	1,28,21,522	1,34,35,538
17. Debt charges—excluding water works	73,71,468	73,75,532	76,67,984	78,20,834	76,97,597
Total Expenditure .. Rs	3,30,00,829	3,26,47,552	3,23,28,729	3,21,69,117	3,25,51,599

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

APPENDIX No. 2.

Revenue Account for the year ended 31st March 1934.

Particulars.	Details.	Total.	Particulars.	Details.	Total.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Revenue Expenditure as per Appendix No. 4 ..		3,25,51,599 6 5	By Revenue of previous year renewed for payment of contribution towards Improvement Schemes during 1933-34.	21,89,826 10 10	
„ Revenue Expenditure to be incurred in 1934-35 and provided for as renewed grants.	4,22,981 0 0		„ Revenue of previous years renewed for the year 1933-34.	3,03,570 0 0	
„ Contribution towards Improvement Schemes during 1934-35.	22,26,453 0 4				
		26,49,434 0 4			24,93,396 10 10
			„ Revenue Receipts as per Appendix No. 3.. ..		3,14,15,970 15 10
			„ Balance being deficit for the year		12,91,665 12 1
		3,52,01,033 6 9			3,52,01,033 6 9
Deficit for the year		12,91,665 12 1	Surplus Revenue Fund as at 1st April 1933		47,87,409 7 11
Balance being Surplus Revenue Fund as at 31st March 1934 as per Appendix No. 5.		34,95,743 11 10			
		47,87,409 7 11			47,87,409 7 11

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

I N

STATEMENT showing the Net Receipts during the Financial year 1933-34 from all sources as

Actuals for 1932-33.	PARTICULARS.	Details of Actuals.	Actuals for 1933-34.	Budget Estimate for 1933-34.
1	2	3	4	5
Rs. a. p.	**1.—General Tax, Indirect Taxation and Miscellaneous Revenue.**	Rs. a. p.	Rs. a. p.	Rs. a. p.
	A—General Tax at 11 per cent.—			
92,06,004 7 8	(1) From the Public	89,38,379 11 10		91,69,400 0 0
4,95,637 5 1	(2) ,, Government	5,20,506 5 0		5,20,500 0 0
10,56,080 15 0	(3) ,, Port Trust	10,56,412 5 0		10,56,100 0 0
2,24,237 7 0	(4) ,, C. I. Trust	2,67,409 1 0		2,45,600 0 0
6,66,922 7 0	(5) ,, Mills	7,46,939 11 0		10,44,500 0 0
1,36,587 5 0	(6) ,, G. I. P. Railway	4,75,366 8 0		3,71,700 0 0
2,57,276 9 0	(7) ,, B. B. & C. I. Railway ...	2,40,267 10 0		2,46,100 0 0
1,20,42,746 7 9			1,22,45,281 3 10	1,26,53,900 0 0
	B—Town Duties—			
15,83,013 15 5	(1) Through Port Trust	16,17,883 0 2		23,44,000 0 0
4,24,256 2 11	(2) ,, G. I. P. Railway	5,07,973 5 4		3,79,000 0 0
1,60,302 8 9	(3) ,, B. B. & C. I. Railway ...	2,32,309 15 6		2,16,000 0 0
21,67,572 11 1			(a)23,58,166 5 6	29,39,000 0 0
10,40,384 7 0	*Deduct*—Refunds and Commission charges.		(b) 9,55,428 3 9	14,89,000 0 0
11,27,188 4 1			14,02,738 1 3	14,50,000 0 0
8,28,855 10 7	C—Cotton Import Duty (Munl. Share $\frac{3}{4}$th of net receipts)		8,86,189 7 6	12,00,000 0 0
	D—Licenses—			
3,717 13 0	(1) Land, Conveyance, Music Licenses (issued by the Commissioner of Police)		2,295 8 0	3,700 0 0
1,43,750 0 0	E—Liquor Licenses—Commuted payment from Government (Act V of 1878) ...		1,43,750 0 0	1,43,750 0 0
3,50,771 4 1	F—Tobacco Duty—Net receipts from Government (Act IV of 1857) ...		2,54,247 7 0	3,85,000 0 0
2,80,125 14 10	G—Interest and Profit on Investments of Surplus Loan and other Balances ...		2,21,253 12 9	4,00,000 0 0
	H—Miscellaneous—			
6,500 2 0	(1) Contribution from Munl. servants towards Pensions, etc., Fund ...	6,014 9 3		6,000 0 0
25,363 15 0	(2) Fines for offences against the Law.	32,140 7 0		30,000 0 0
4,786 2 0	(3) Sale proceeds of unserviceable Tools and Plant	5,744 14 3		6,000 0 0
36,942 9 2	(4) Miscellaneous receipts	33,414 8 1		10,000 0 0
6,064 0 4	(5) Miscellaneous fees	5,852 4 2		6,000 0 0
1,26,763 7 1	(6) Rent of buildings and lands ...	86,112 9 6		1,20,000 0 0
2,06,420 3 7	Total, H—Miscellaneous ...		1,69,279 4 3	1,78,000 0 0
1,49,83,575 9 11	Carried forward Rs. ...		1,53,25,034 12 7	1,64,14,350 0 0

(a) These are net receipts after deducting Commission charges amounting to Rs. 72,835-14-9.
(b) This is exclusive of Commission charges amounting to Rs. 72,835-14-9.

No. 3.

COME.

contrasted with the Actuals for 1932-33, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1933-34.	Compared with the Actuals for 1932-33.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
91,23,300 0 0	.....	2,67,624 11 10	.....	2,31,020 4 2	.....	1,84,920 4 2
5,31,000 0 0	24,868 15 11	.....	6 5 0	.....	.....	493 11 0
10,56,100 0 0	331 6 0	.....	312 5 0	.....	312 5 0	.....
2,32,300 0 0	43,171 10 0	.....	21,809 1 0	.....	35,109 1 0	.....
9,51,000 0 0	80,017 4 0	.....	.....	2,97,560 5 0	.....	2,04,060 5 0
7,10,200 0 0	3,38,779 3 0	.....	1,03,666 8 0	.....	.....	2,34,833 8 0
2,49,600 0 0	.....	17,008 15 0	.....	5,832 6 0	.....	9,332 6 0
1,28,43,500 0 0	4,87,168 6 11	2,84,633 10 10	1,25,794 3 0	5,34,412 15 2	35,421 6 0	6,33,640 2 2
17,50,000 0 0	34,869 0 9	.....	.....	7,26,116 15 10	.....	1,32,116 15 10
4,15,000 0 0	83,717 2 5	.....	1,28,973 5 4	.....	92,973 5 4	.....
1,60,000 0 0	72,007 6 9	.....	16,309 15 6	.....	72,309 15 6	.....
23,25,000 0 0	1,90,593 9 11	.....	1,45,283 4 10	7,26,116 15 10	1,65,283 4 10	1,32,116 15 10
10,25,000 0 0	.....	84,956 3 3	.....	5,33,571 12 3	.....	69,571 12 3
13,00,000 0 0	1,90,593 9 11	*Cr.* 84,956 3 3	1,45,283 4 10	1,92,545 3 7	1,65,283 4 10	62,545 3 7
8,65,000 0 0	57,333 12 11	.....	.....	3,13,810 8 6	21,189 7 6	.....
2,295 0 0	.....	1,422 5 0	.....	1,404 8 0	0 8 0	.....
1,43,750 0 0	.....	.....	.....	.....	.....	.....
2,35,000 0 0	.....	96,523 13 1	.....	1,30,752 9 0	19,247 7 0	.....
1,75,000 0 0	.....	58,872 2 1	.....	1,78,746 3 3	46,253 12 9	.....
6,000 0 0	.....	485 8 9	14 9 3	.....	14 9 3	.....
40,000 0 0	6,776 8 0	.....	2,140 7 0	.....	.....	7,859 9 0
6,000 0 0	958 12 3	.....	.....	255 1 9	.....	255 1 9
36,132 0 0	.....	3,528 1 1	23,414 8 1	.....	.....	2,717 7 11
6,000 0 0	.....	211 12 2	.....	147 11 10	.....	147 11 10
96,000 0 0	.....	40,650 13 7	.....	33,887 6 6	.....	9,887 6 6
1,90,132 0 0	7,735 4 3	44,876 3 7	25,569 8 4	34,290 4 1	14 9 3	20,867 5 0
1,57,54,677 0 0	7,42,831 2 0	4,01,371 15 4	2,96,647 0 2	13,85,962 3 7	2,87,410 7 4	7,17,052 10 9

Appendix

IN

STATEMENT showing the Net Receipts during the Financial year 1933-34 from all sources as

Actuals for 1932-33.	PARTICULARS.	Details of Actuals.	Actuals for 1933-34.	Budget Estimate for 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
1,49,83,575 9 11	Brought over Rs. ...		1,53,25,034 12 7	1,64,14,350 0 0
	2.—Water Works.			
	A.—Water Tax and Other Miscellaneous Water Works Revenue—			
29,52,107 4 2	(1) On Ratable Value	29,72,920 10 6		29,62,000 0 0
32,68,902 4 1	(2) By Measurement per 1,000 gallons..	31,73,917 7 8		32,40,000 0 0
65,254 10 0	(3) Rent of Water Meters	66,935 9 0		64,000 0 0
1,00,642 13 3	(4) Compounded Tax	86,204 10 0		1,06,000 0 0
5,914 9 0	(5) Rent of Buildings and Lands ...	4,774 0 0		6,500 0 0
63,92,821 8 6		63,03,852 5 2		63,78,500 0 0
	(6) Miscellaneous—			
13,363 8 6	(*b*) Miscellaneous receipts... ...	13,747 10 9		15,000 0 0
64,06,185 1 0			63,17,599 15 11	63,93,500 0 0
	3.—Education, Primary.			
6,18,501 0 0	A.—Contribution from Government ...	7,11,317 0 0		6,50,000 0 0
	B.—Miscellaneous—			
.....	Miscellaneous Receipts	9,255 12 3		.....
6,18,501 0 0			7,20,572 12 3	6,50,000 0 0
	4.—Education, Secondary.			
	A.—Miscellaneous—			
39 8 0	(1) Miscellaneous Receipts		8 0 0	100 0 0
	5.—Public Health Department.			
	Miscellaneous—			
11,443 10 5	(1) Miscellaneous Receipts	5,527 2 2		4,700 0 0
20,852 5 0	(2) Miscellaneous fees	17,647 9 0		18,000 0 0
47,415 15 1	(3) Rent of Buildings and Lands ...	47,751 11 6		48,000 0 0
14,667 4 0	(4) Sale of rights	12,238 3 0		12,000 0 0
94,379 2 6			83,164 9 8	82,700 0 0
	6.—Medical Relief and Education.			
	A.—Interest realised on donations from			
2,849 9 2	the Public		2,898 2 0	2,800 0 0
	B.—Miscellaneous—			
48,945 1 8	(1) Miscellaneous Receipts	544 1 3		40,000 0 0
1,483 0 11	(2) Miscellaneous fees	4,277 12 3		3,000 0 0
632 8 0	(3) Rent of Buildings and Lands ...	519 15 0		500 0 0
51,060 10 7			5,341 12 6	43,500 0 0
85,959 8 0	C.—Receipts from G. S. Medical College..		92,100 1 4	89,100 0 0
2,224 4 0	D.—Receipts from King Edward Memorial Hospital		1,978 8 0	2,200 0 0
1,42,093 15 9	Total, 6.—Medical Relief, etc. ...		1,02,318 7 10	1,37,600 0 0
2,22,44,774 5 2	Carried forward Rs. ...		2,25,48,698 10 3	2,36,78,250 0 0

No. 3—*continued.*

C O M E.

contrasted with the Actuals for 1932-33, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1933-34.	Compared with the Actuals for 1932-33.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7.	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,57,54,677 0 0	7,42,831 2 0	4,01,371 15 4	2,96,647 0 2	13,85,962 3 7	2,87,410 7 4	7,17,052 10 9
30,26,800 0 0	20,813 6 4	.....	10,920 10 6	.....	.....	53,879 5 6
31,97,800 0 0	.....	95,884 12 5	.....	66,982 8 4	.....	24,782 8 4
66,000 0 0	1,680 15 0	.....	2,935 9 0	.....	935 9 0	.....
87,000 0 0	.....	14,438 3 3	.....	19,795 6 0	.....	795 6 0
6,000 0 0	.....	1,140 9 0	.....	1,726 0 0	.....	1,226 0 0
14,000 0 0	384 2 3	.....	.....	1,252 5 3	.....	252 5 3
63,97,600 0 0	22,878 7 7	1,11,463 8 8	13,856 3 6	89,756 3 7	935 9 0	80,935 9 1
7,25,160 0 0	92,816 0 0	.....	61,317 0 0	.....	.....	13,843 0 0
9,300 0 0	9,255 12 3	.....	9,255 12 3	.....	.....	44 3 9
7,34,460 0 0	1,02,071 12 3	.....	70,572 12 3	.....	.....	13,887 3 9
50 0 0	.....	31 8 0	.....	92 0 0	.....	42 0 0
5,000 0 0	.....	5,916 8 3	827 2 2	.....	527 2 2	.....
18,000 0 0	.....	3,204 12 0	.....	352 7 0	.....	352 7 0
48,000 0 0	335 12 5	.....	.....	248 4 6	.....	248 4 6
12,500 0 0	.....	2,429 1 0	238 3 0	.....	.....	261 13 0
83,500 0 0	335 12 5	11,550 5 3	1,065 5 2	600 11 6	527 2 2	862 8 6
2,980 0 0	48 8 10	.....	98 2 0	.....	.....	81 14 0
40,000 0 0	.....	48,401 0 5	.....	39,455 14 9	.....	39,455 14 9
4,000 0 0	2,794 11 4	.....	1,277 12 3	.....	277 12 3	.....
600 0 0	.....	112 9 0	19 15 0	.....	.....	80 1 0
44,600 0 0	2,794 11 4	48,513 9 5	1,297 11 3	39,455 14 9	277 12 3	39,535 15 9
89,500 0 0	6,140 9 4	.....	3,000 1 4	.....	2,600 1 4	.....
1,600 0 0	.....	245 12 0	.....	221 8 0	378 8 0	.....
1,38,680 0 0	8,983 13 6	48,759 5 5	4,395 14 7	39,677 6 9	3,256 5 7	39,617 13 9
2,31,08,967 0 0	8,77,100 15 9	5,73,176 10 8	3,86,537 3 8	15,16,088 9 5	2,92,129 8 1	8,52,397 13 10

Appendix

IN

STATEMENT showing the Net Receipts during the Financial year 1933-34 from all sources as

Actuals for 1932-33.	PARTICULARS.	Details of Actuals.	Actuals for 1933-34.	Budget Estimate for 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,22,44,774 5 2	Brought over Rs....		2,25,48,698 10 3	2,36,78,250 0 0
	7.—Street cleansing and Conservancy, Road Watering and Halalkhore Service.			
	A.—Halalkhore Tax—			
29,47,185 4 8	(1) On Ratable value	29,61,682 9 9		30,70,100 0 0
1,31,053 13 0	(2) For special service	1,27,282 6 0		1,27,200 0 0
30,78,239 1 8			30,88,964 15 9	31,97,300 0 0
	B.—Miscellaneous—			
31,251 0 0	(1) Sale of Rights	25,643 15 0		30,000 0 0
6,102 10 5	(2) Miscellaneous Receipts	4,917 15 0		8,000 0 0
16,221 11 0	(3) Miscellaneous Fees	14,972 8 0		8,000 0 0
67,530 8 0	(4) Rent of Buildings and Lands ...	65,459 9 0		65,000 0 0
1,21,105 13 5			1,10,993 15 0	1,11,000 0 0
31,99,344 15 1			31,99,958 14 9	33,08,300 0 0
	8.—Roads, Drains and Sewers.			
	A.—Wheel Tax and Government contribution in lieu of Tolls—			
7,32,369 14 0	(1) Private conveyances	7,36,945 2 0		7,40,000 0 0
3,12,969 15 0	(2) Public conveyances...	2,95,447 12 10		2,87,000 0 0
25,000 0 0	(3) Contribution from Govt. in lieu of Tolls	25,000 0 0		25,000 0 0
10,70,339 13 0			10,57,392 14 10	10,52,000 0 0
	B.—Ground Rent—			
65,329 14 10	(1) From Tramway Co.	65,523 10 6		65,000 0 0
5,160 12 8	(2) ,, Telephone Co.	.....		62,000 0 0
40,444 2 1	(3) ,, Private Parties	41,385 6 1		40,000 0 0
1,10,934 13 7			1,06,909 0 7	1,67,000 0 0
	C.—Miscellaneous—			
41,537 1 1	(1) Miscellaneous receipts	67,981 9 9		35,000 0 0
20,338 15 11	(2) Miscellaneous fees	27,835 8 0		17,000 0 0
28,755 2 7	(3) Rent of Buildings and Lands ...	29,199 1 9		40,000 0 0
90,631 3 7			1,25,016 3 6	92,000 0 0
2,449 5 1	D.—Interest realised on donations... ...		1,715 8 0	1,800 0 0
12,74,355 3 3	Total, 8.—Roads, Drains and Sewers...		12,91,033 10 11	13,12,800 0 0
	9.—Mechanical.			
	Miscellaneous—			
19,491 13 8	Miscellaneous receipts		28,427 11 1	5,000 0 0
2,67,37,966 5 2	Carried forward Rs. ...		2,70,68,118 15 0	2,83,04,350 0 0

No. 3—*continued.*

C O M E.

contrasted with the Actuals for 1932-33, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1933-34.	Compared with the Actuals for 1932-33.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,31,08,967 0 0	7,42,831 2 0	4,01,371 15 4	2,96,647 0 2	13,85,962 3 7	2,92,129 8 1	8,52,397 13 10
30,07,200 0 0	14,497 5 1	.....	.....	1,08,417 6 3	.....	45,517 6 3
1,26,900 0 0	....	3,771 7 0	82 6 0	.....	382 6 0	.....
31,34,100 0 0	14,497 5 1	3,771 7 0	82 6 0	1,08,417 6 3	382 6 0	45,517 6 3
27,500 0 0	.....	5,607 1 0	.....	4,356 1 0	.....	1,856 1 0
5,000 0 0	.....	1,184 11 5	.....	3,083 1 0	.....	82 1 0
13,000 0 0	.....	1,249 3 0	6,972 8 0	.....	1,972 8 0	.....
67,000 0 0	.....	2,070 15 0	459 9 0	.....	.....	1,540 7
1,12,500 0 0	.....	10,111 14 5	7,432 1 0	7,438 2 0	1,972 8 0	3,478 9
32,46,600 0 0	14,497 5 1	13,883 5 5	7,514 7 0	1,15,855 8 3	2,354 14 0	48,995 15 3
7,35,000 0 0	4,575 4 0	.....	.....	3,054 14 0	1,945 2 0	.....
2,90,000 0 0	.....	17,522 2 2	8,447 12 10	.....	5,447 12 10	.....
25,000 0 0	.....	.....	.....	.....	.....	.....
10,50,000 0 0	4,575 4 0	17,522 2 2	8,447 12 10	3,054 14 0	7,392 14 10	.....
65,000 0 0	193 11 8	.....	523 10 6	.....	523 10 6	.....
.....	.....	5,160 12 8	.....	62,000 0 0	.....	.....
41,000 0 0	941 4 0	.....	1,385 6 1	.....	385 6 1	.....
1,06,000 0 0	1,134 15 8	5,160 12 8	1,909 0 7	62,000 0 0	909 0 7	.....
40,000 0 0	26,444 8 8	.....	32,981 9 9	.....	27,981 9 9	.....
23,000 0 0	7,496 8 1	.....	10,835 8 0	.....	4,835 8 0	.....
40,000 0 0	443 15 2	.....	.....	10,800 14 3	.....	10,800 14 3
1,03,000 0 0	34,384 15 11	.....	43,817 1 9	10,800 14 3	32,817 1 9	10,800 14 3
1,700 0 0	.....	733 13 1	.....	84 8 0	15 8 0	.....
12,60,700 0 0	40,095 3 7	23,416 11 11	54,173 15 2	75,940 4 3	41,134 9 2	10,800 14 3
11,500 0 0	8,935 13 5	.....	23,427 11 1	.....	16,927 11 1	.....
2,76,27,767 0 0	9,40,629 5 10	6,10,476 12 0	4,71,653 4 11	17,07,884 5 11	3,52,546 10 4	9,12,194 11 4

Appendix I N

STATEMENT showing the Net Receipts during the Financial year 1933-34 from all sources as

Actuals for 1932-33.	PARTICULARS.	Details of Actuals.	Actuals for 1933-34.	Budget Estimate for 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,67,37,966 5 2	Brought over ...		2,70,68,118 15 0	2,83,04,350 0 0
	10.—Buildings, Land Acquisition and Management.			
7,37,849 8 1	A.—Sale-proceeds of Surplus Land... ...	12,71,064 15 2		5,00,000 0 0
2,65,151 2 10	B.—Rent of Buildings	2,49,648 5 9		3,40,000 0 0
63,505 7 5	C.—Ground Rent	78,498 0 9		75,000 0 0
	D.—Miscellaneous—			
22,501 0 3	(1) Sale of Rights and Miscellaneous Receipts	15,658 10 6		22,000 0 0
89,381 13 0	(2) Miscellaneous fees	1,51,483 4 5		70,000 0 0
11,78,388 15 7			17,66,353 4 7	10,07,000 0 0
	11.—Fire Brigade.			
	A.—Fire Tax at ½ per cent.—			
4,19,466 7 0	(1) From the Public	4,07,723 8 0		4,16,800 0 0
22,528 14 7	(2) ,, Government	23,659 5 0		23,700 0 0
48,003 11 0	(3) ,, Port Trust	48,018 11 0		48,000 0 0
10,188 10 0	(4) ,, City Improvement Trust ...	12,154 5 0		11,200 0 0
30,661 12 0	(5) ,, Mills	33,735 13 0		47,500 0 0
6,209 10 0	(6) ,, G. I. P. Rly.	21,610 3 0		16,900 0 0
11,697 14 0	(7) ,, B. B. & C. I. Rly.	9,921 13 0		11,200 0 0
5,48,756 14 7			5,56,823 10 0	5,75,300 0 0
	B.—Miscellaneous—			
9,036 11 0	Miscellaneous Receipts		9,847 19 3	10,000 0 0
5,57,793 9 7			5,66,671 4 3	5,85,300 0 0
	12.—Licensing and Removal of Encroachment on Public Street.			
	A.—Licenses for Dangerous and Offensive			
1,67,667 9 0	Trades		1,67,463 1 0	1,66,000 0 0
	B—Removal of encroachment on Public Streets—			
	Licenses for squatters and Hawkers and fees for Removal of Encroach-			
93,193 1 0	ment		1,34,905 8 0	95,000 0 0
	C.—Miscellaneous—			
1,271 13 0	(1) Miscellaneous Receipts	1,208 2 0		800 0 0
45,946 13 11	(2) Advertisements	52,962 10 0		44,650 0 0
47,218 10 11			54,170 12 0	45,450 0 0
3,08,079 4 11			3,56,539 5 0	3,06,450 0 0
	13.—Gardens and Open Spaces.			
	Miscellaneous—			
78 11 10	(1) Miscellaneous Receipts	380 3 0		... ...
50,680 14 0	(2) Rent of Buildings and Lands ...	50,696 14 0		50,600 0 0
50,759 9 10			51,077 1 0	50,600 0 0
	14.—Markets and Slaughter Houses.			
	Miscellaneous—			
3,15,228 15 5	(1) Stall Rents	3,05,619 10 5		3,20,000 0 0
1,19,086 15 0	(2) Squatters' fees	1,26,500 1 0		1,16,000 0 0
1,42,500 0 0	(3) Fair ground and feeding fees ...	1,38,000 0 0		1,45,000 0 0
3,97,602 13 0	(4) Slaughter fees	4,01,609 12 6		4,30,000 0 0
1,15,807 2 0	(5) Miscellaneous Receipts	1,08,177 3 4		1,10,000 0 0
10,862 13 6	(6) Rent of Buildings and Lands ...	12,412 10 2		10,000 0 0
32,911 2 0	(7) Cold Storage rent	29,114 3 9		32,000 0 0
11,33,999 12 11			11,21,424 9 2	11,63,000 0 0
35,393 6 8	**15—Contribution from Capital Funds to Revenue on Account of Loan Works Staff.**		27,906 8 3	40,000 0 0
	16—Extraordinary Receipts.			
.....	(*a*) Transfer from Plant and Machinery Depreciation Fund	2,75,000 0 0		2,75,000 0 0
.....	(*b*) Interest on Net Premia Fund	1,82,880 0 7		...
.....			4,57,880 0 7	2,75,000 0 0
3,00,02,381 0 8	Total Income Rs. ...		3,14,15,970 15 10	3,17,31,700 0 0

M. R. TAMBE,
Chief Accountant.

No. 3—*concluded.*

C O M E.

contrasted with the Actuals for 1932-33, the Original Budget Estimate and the Revised Estimate.

Revised Estimate for 1933-34.	Compared with the Actuals for 1932-33.		Compared with the Original Estimate.		Compared with the Revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,76,27,767 0 0	9,40,629 5 10	6,10,476 12 0	4,71,653 4 11	17,07,884 5 11	3,52,546 10 4	9,12,194 11 4
13,00,000 0 0	5,33,215 7 1	.....	7,71,064 15 2	.....	.....	28,935 0 10
3,16,000 0 0	.....	15,502 13 1	.....	90,351 10 3	.....	66,351 10 3
75,000 0 0	14,992 9 4	.....	3,498 0 9	.....	3,498 0 9	.....
14,000 0 0	.....	6,842 5 9	.....	6,341 5 6	1,658 10 6	.....
90,000 0 0	62,101 7 5	.....	81,483 4 5	.....	61,483 4 5	.....
17,95,000 0 0	6,10,309 7 10	22,345 2 10	8,56,046 4 4	96,692 15 9	66,639 15 8	95,286 11 1
4,14,700 0 0	.....	11,742 15 0	.....	9,076 8 0	.....	6,976 8 0
23,700 0 0	1,130 6 5	.....	.....	40 11 0	.....	40 11 0
48,000 0 0	15 0 0	.....	18 11 0	.....	18 11 0	.....
10,500 0 0	1,965 11 0	.....	954 5 0	.....	1,654 5 0	.....
43,200 0 0	3,074 1 6	.....	.....	13,764 3 0	.....	9,464 3 0
32,200 0 0	15,400 9 0	.....	4,710 3 0	.....	.....	10,589 13 0
11,300 0 0	.....	1,776 1 0	.....	1,278 3 0	.....	1,378 3 0
5,83,600 0 0	21,585 11 5	13,519 0 0	5,683 3 0	24,159 9 0	1,673 0 0	28,449 6 0
9,500 0 0	810 15 3	.....	.....	152 5 9	347 10 3	.....
5,93,100 0 0	22,396 10 8	13,519 0 0	5,683 3 0	24,311 14 9	2,020 10 3	28,449 6 0
1,66,000 0 0	.....	204 8 0	1,463 1 0	.....	1,463 1 0	.....
1,30,000 0 0	41,712 7 0	.....	39,905 8 0	.....	4,905 8 0	.....
800 0 0	.....	63 11 0	408 2 0	.....	408 2 0	.....
45,000 0 0	7,015 12 1	.....	8,312 10 0	.....	7,962 10 0	.....
45,800 0 0	7,015 12 1	63 11 0	8,720 12 0	.....	8,370 12 0	.....
3,41,800 0 0	48,728 3 1	268 3 0	50,089 5 0	.....	14,739 5 0	.....
200 0 0	301 7 2	.....	380 3 0	.....	180 3 0	.....
50,600 0 0	16 0 0	.....	96 14 0	.....	96 14 0	.....
50,800 0 0	317 7 2	.....	477 1 0	.....	277 1 0	.....
3,12,000 0 0	.....	9,609 5 0	.....	14,380 5 7	.....	6,380 5 7
1,23,000 0 0	7,413 2 0	.....	10,500 1 0	.....	3,500 1 0	.....
1,38,000 0 0	.....	4,500 0 0	.....	7,000 0 0	.....	.....
4,00,000 0 0	3,997 15 6	.....	.....	28,399 3 6	1,600 12 6	.....
1,10,000 0 0	.....	7,629 14 8	.....	1,822 12 8	.....	1,822 12 8
10,000 0 0	1,549 12 8	.....	2,412 10 2	.....	2,412 10 2	.....
32,000 0 0	.....	3,796 14 3	.....	2,885 12 3	.....	2,885 12 3
11,25,000 0 0	12,960 14 2	25,536 1 11	12,912 11 2	54,488 2 0	7,513 7 8	11,088 14 6
38,300 0 0	.....	7,486 14 5	.....	12,093 7 9	.....	10,393 7 9
2,75,000 0 0	2,75,000 0 0	.....	.....	.....	.....	.....
1,65,000 0 0	1,82,880 0 7	.....	1,82,880 0 7	.....	17,880 0 7	.....
4,40,000 0 0	4,57,880 0 7	.....	1,82,880 0 7	.....	17,880 0 7	.....
3,20,11,767 0 0	29,93,222 1 4	6,79,632 2 2	15,79,741 14 0	18,95,470 14 2	4,61,617 2 6	10,57,413 2 8

I. H. TAUNTON,
Municipal Commissioner.

Appendix

EXPEN

STATEMENT showing the Actuals as compared with the Final Sanctioned

Actuals for 1932-33.	PARTICULARS.	Details of Actuals for 1933-34	Actuals for 1933-34.	Final Grants sanctioned for Expenditure during 1933-34.
1	2	3	4	5
Rs. a. p.	**I.—General Supervision, Collection of Revenue, etc.**	Rs. a. p.	Rs. a. p.	Rs. a. p.
	A.—General Superintendence—			
86,618 10 1	(*a*) Corporation and Standing Committee ...	89,879 4 10		1,18,673 0 0
97,940 11 6	(*b*) Municipal Commissioner's Personal and General Office	95,092 13 11		1,00,939 2 0
2,00,523 13 3	(*c*) Audit and Accounts ...	1,82,736 2 10		1,97,979 0 0
3,85,083 2 10			3,77,708 5 7	4,17,591 2 0
	B.—Collection of Revenue—			
3,35,142 3 10	(*a*) Property and Wheel Tax Establishment ...	3,31,516 13 4		3,40,751 5 9
11,536 13 4	(*b*) Town Duty Collections.	8,957 3 11		12,512 0 0
1,19,802 12 11	(*c*) Town Duty Refund Branch	1,18,119 3 8		1,24,479 0 0
4,66,481 14 1			4,58,593 4 11	4,77,742 5 9
25,825 11 4	C.—Upkeep of Municipal Head Office		23,738 15 1	29,158 0 0
62,292 2 11	D.—General Stores		61,393 2 8	64,037 0 0
1,84,032 11 3	E.—Miscellaneous Charges ...		75,878 2 8	1,21,491 11 0
25,811 6 1	F.—Election Expenses		4,414 8 2	5,460 0 0
1,970 15 0	New Works		.....	.....
36,271 9 6	Debt Charges		35,674 0 0	35,983 11 0
11,87,769 9 0			10,37,300 7 1	11,51,463 13 9
.....	*Deduct*—Proportionate share of General Supervision chargeable to Improvement Schemes ...		*Cr.*24,999 1 8	.....
11,87,769 9 0			10,12,301 5 5	11,51,463 13 9
	II.—Water Works.			
4,64,360 11 6	A.—Establishment and Labour.	4,67,978 1 6		4,75,232 8 0
2,01,785 6 5	B.—Repairs and Maintenance...	1,97,421 14 8		2,25,691 3 6
32,727 13 0	C.—Meters	30,580 0 0		32,000 0 0
1,39,204 12 8	D.—Miscellaneous	1,34,553 12 11		1,42,932 0 0
6,099 2 3	New Works	4,663 2 7		11,245 0 0
55,32,392 2 6	Debt Charges	55,24,712 14 8		56,70,560 12 5
2,44,370 0 9	Proportion of General Supervision and Collection of Revenue	2,22,106 7 10		2,31,608 0 0
66,20,849 7 1			65,82,016 6 2	67,89,269 7 11
	III.—Education, Primary.			
31,86,894 13 2	A.—Municipal Institutions ...	31,77,293 3 5		31,85,749 14 6
6,000 0 0	B.—Aided Institutions	3,150 0 0		3,150 0 0
1,49,214 11 2	Debt charges	1,50,844 5 0		1,52,222 1 0
33,42,109 8 4			33,31,287 8 5	33,41,121 15 6
	IV.—Education, Secondary.			
15,996 12 9	A.—Municipal Institutions ...	14,746 5 4		15,676 0 0
36,700 0 0	B.—Aided Institutions	35,530 0 0		35,530 0 0
52,696 12 9			50,276 5 4	51,206 0 0
	V.—Public Health Department.			
4,90,230 5 4	A.—General Supervision ...	4,92,992 0 8		5,02,166 0 0
14,982 13 8	B.—Epidemics	15,176 15 10		16,400 0 0
74,210 12 8	C —Vaccination	48,723 14 2		51,758 0 0
1,77,931 9 10	D.—Malaria	1,73,506 2 5		1,80,675 0 0
7,57,345 9 6		7,30,399 1 1		7,50,999 0 0
1,12,03,425 5 2	Carried over Rs. ...		1,09,75,881 9 4	1,13,33,061 5 2

No. 4.

DITURE.

Grants for 1933-34 and the Actuals for the preceding year.

Final Grants compared with the Actuals.			Compared with the Actuals for 1932-33	
Balance unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
28,793 11 2	19,578 0 0	9,215 11 2	3,260 10 9	.....
5,846 4 1	100 0 0	5,746 4 1	.....	2,847 13 7
5,242 13 2	677 0 0	4,565 13 2	.....	7,787 10 5
39,882 12 5	20,355 0 0	19,527 12 5	3,260 10 9	10,635 8 0
9,234 8 5	1,014 0 0	8,220 8 5	.....	3,625 6 6
3,554 12 1	765 0 0	2,789 12 1	.....	2,579 9 5
6,359 12 4	314 0 0	6,045 12 4	.....	1,683 9 3
19,149 0 10	2,093 0 0	17,056 0 10	.....	7,888 9 2
5,419 0 11	1,312 0 0	4,107 0 11	.....	2,086 12 3
2,743 13 4	689 0 0	2,054 13 4	.....	999 0 3
45,613 8 4	42,701 0 0	2,912 8 4	.....	1,08,154 8 7
1,045 7 10	23 0 0	1,022 7 10	.....	21,396 13 11
.....	.....	.....	.....	1,970 15 6
309 11 0	21 0 0	288 11 0	.....	597 9 0
1,14,163 6 8	67,194 0 0	46,969 6 8	3,260 10 9	1,53,729 12 8
24,999 1 8	.....	24,999 1 8	*Cr.* 24,999 1 8	.....
1,39,162 8 4	67,194 0 0	71,968 8 4	*Cr.* 21,738 6 11	1,53,729 12 8
7,254 6 6	147 0 0	7,107 6 6	3,617 6 0	.....
28,269 4 10	1,489 0 0	26,780 4 10	.....	4,363 7 9
1,420 0 0	0 0 0	1,420 0 0	.....	2,147 13 0
8,378 3 1	802 0 0	7,576 3 1	.....	4,650 5 9
6,581 13 5	870 0 0	5,711 13 5	.....	1,345 15 8
1,45,847 13 9	1,03,731 0 0	42,116 13 9	.....	7,679 3 10
9,501 8 2	3,276 0 0	6,225 8 2	.....	22,263 8 11
2,07,253 1 9	1,10,315 0 0	96,938 1 9	3,617 6 0	42,450 6 11
8,456 11 1	93 0 0	8,363 11 1	.....	9,601 9 9
.....	0 0 0	.....	.....	2,850 0 0
1,377 12 0	459 0 0	918 12 0	1,629 9 10	.....
9,834 7 1	552 0 0	9,282 7 1	1,629 9 10	12,451 9 9
929 10 8	82 0 0	847 10 8	.....	1,250 7 5
.....	0 0 0	.....	.....	1,170 0 0
929 10 8	82 0 0	847 10 8	.....	2,420 7 5
9,173 15 4	608 0 0	8,565 15 4	2,771 11 4	.....
1,223 0 2	30 0 0	1,193 0 2	194 2 2	.....
3,034 1 10	542 0 0	2,492 1 10	.....	25,486 14 6
7,168 13 7	73 0 0	7,095 13 7	.....	4,425 7 5
20,599 14 11	1,253 0 0	19,346 14 11	2,965 13 6	29,912 5 11
3,57,179 11 10	1,78,143 0 0	1,79,036 11 10	*Cr.* 16,491 7 1	2,11,052 4 9

Appendix

EXPEN

Actuals for 1932-33.	Particulars.	Details of Actuals for 1933-34.	Actuals for 1933-34.	Final Grants sanctioned for Expenditure during 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p	Rs. a. p.	Rs. a. p.
1,12,03,425 5 2	Brought forward Rs. ...		1,09,75,881 9 4	1,13,33,061 5 2
7,57,345 9 6	V.—Public Health Department brought forward.	7,30,399 1 1		7,50,999 0 0
	E.—Miscellaneous—			
13,245 11 9	(a) Cemeteries	13,638 12 10		15,691 0 0
24,124 11 0	(b) Laboratory	22,503 1 2		23,011 0 0
45,895 11 8	(c) Mahaluxmi Dhobiwada.	42,927 3 11		44,917 0 0
596 13 10	(d) Dharmashalas	329 11 2		449 0 0
5,416 0 10	(e) Destruction of dogs ...	5,544 4 1		6,034 0 0
89,279 1 1		84,943 1 2		90,102 0 0
Cr. 64 12 0	F.—Census	.....		.....
1,265 6 10	New Works	1,234 5 0		2,438 0 0
83,564 0 2	Debt charges	83,046 15 0		84,047 5 6
9,31,389 5 7			8,99,623 6 3	9,27,586 5 6
	VI.—Medical Relief and Education.			
	A.—Hospitals and Dispensaries—			
	(a) Infectious Diseases Hospitals—			
10,968 11 0	I.—Establishment ...	10,968 0 0		10,968 0 0
1,01,005 13 9	II.—Arthur Road Hospital for Infectious Diseases	97,416 5 5		1,14,867 0 0
55,632 8 8	III.—Maratha Hospital for Plague and other Diseases	58,293 9 10		67,678 0 0
1,67,607 1 5		1,66,677 15 3		1,93,513 0 0
84,413 10 2	(b) Maternity Homes ...	82,122 4 11		86,544 0 0
66,532 1 11	(c) Dispensaries for out-patients	66,357 3 0		70,013 0 0
3,18,552 13 6		3,15,157 7 2		3,50,070 0 0
14,503 10 3	B.—Medical and Nursing Assistance to Poor People in their Houses	13,782 0 1		14,329 0 0
4,14,500 0 0	C.—Statutory Contribution to Govt. Medical Institutions.	4,14,500 0 0		4,14,500 0 0
1,34,780 7 2	D.—Grants-in-Aid to Public Medical Institutions, Convalescent Homes, Isolation Asylums, Sanitary Societies, etc.	1,31,181 5 3		1,38,046 0 0
50,212 15 1	E.—Anti-tuberculosis League Dispensary	45,972 10 8		53,202 0 0
27,988 1 4	F.—League for combating Venereal Diseases	25,002 11 2		26,142 0 0
5,23,486 4 4	G.—King Edward VII Memorial Hospital	4,94,018 6 5		5,44,459 12 4
2,18,261 5 6	H.—Gordhandas Sunderdas Medical College...	2,12,895 5 4		2,32,287 11 0
10,731 7 2	New Works	3,494 14 6		3,642 0 0
4,28,775 4 5	Debt charges	4,21,914 0 0		4,30,292 2 2
21,41,792 4 9			20,77,918 12 7	22,06,970 9 6
1,42,76,606 15 6	Carried over Rs. ...		1,39,53,423 12 2	1,44,67,618 4 2

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1932-33	
Balance unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,57,179 11 10	1,78,143 0 0	1,79,036 11 10	*Cr.* 16,491 7 1	2,11,052 4 9
20,599 14 11	1,253 0 0	19,346 14 11	2,965 13 6	29,912 5 11
2,052 3 2	284 0 0	1,768 3 2	393 1 1	.....
507 14 10	114 0 0	393 14 10	.....	1,621 9 10
1,989 12 1	780 0 0	1,209 12 1	.....	2,968 7 9
119 4 10	.....	119 4 10	.....	267 2 8
489 11 11	.....	489 11 11	128 3 3	.....
5,158 14 10	1,178 0 0	3,980 14 10	521 4 4	4,857 4 3
.....	.....	.....	64 12 0	.....
1,203 11 0	615 0 0	588 11 0	.....	31 1 10
1,000 6 6	589 0 0	411 6 6	.....	517 1 2
27,962 15 3	3,635 0 0	24,327 15 3	3,551 13 10	35,317 13 2
.....	0 0 0	0 0 0	.....	0 11 0
17,450 10 7	522 0 0	16,928 10 7	.....	3,589 8 4
9,384 6 2	35 0 0	9,349 6 2	2,661 1 2	.....
26,835 0 9	557 0 0	26,278 0 9	2,661 1 2	3,590 3 4
4,421 11 1	185 0 0	4,236 11 1	.....	2,291 5 3
3,655 13 0	166 0 0	3,489 13 0	.....	174 14 11
34,912 8 10	908 0 0	34,004 8 10	2,661 1 2	6,056 7 6
546 15 11	2 0 0	544 15 11	.....	721 10 2
.....	.....	.....	.....	.....
6,864 10 9	2,070 0 0	4,794 10 9	.....	3,599 1 11
7,229 5 4	83 0 0	7,146 5 4	.....	4,240 4 5
1,139 4 10	68 0 0	1,071 4 10	.....	2,985 6 2
50,441 5 11	13,316 0 0	37,125 5 11	.....	29,467 13 11
19,392 5 8	7,643 0 0	11,749 5 8	.....	5,366 0 2
147 1 6	11 0 0	136 1 6	.....	7,236 8 8
8,378 2 2	2,602 0 0	5,776 2 2	.....	6,861 4 5
1,29,051 12 11	26,703 0 0	1,02,348 12 11	2,661 1 2	66,534 9 4
5,14,194 8 0	2,08,481 0 0	3,05,713 8 0	*Cr.* 19,278 8 1	3,12,904 11 3

Appendix

EXPEN

Actuals for 1932-33.	PARTICULARS.	Details of Actuals for 1933-34.	Actuals for 1933-34.	Final Grants sanctioned for Expenditure during 1933-34.
1	2	3	4	5
Rs. a. p. 1,42,76,606 15 6	Brought forward Rs. ...	Rs. a. p.	Rs. a. p. 1,39,53,423 12 2	Rs. a. p. 1,44,67,618 4 2
	VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.			
	A.—Street Cleansing and Conservancy—			
2,11,968 13 4	(*a*) Superintendence and Inspection	1,93,370 9 5		1,96,481 0 0
42,451 13 4	(*b*) Veterinary	42,810 7 4		44,025 0 0
	(*c*) Street cleansing and Sanitation—			
9,48,524 1 1	(*a*) Scavengering ...	9,52,102 0 8		9,57,954 0 0
70,832 11 0	(*b*) Road Scraping ...	72,337 7 0		73,050 0 0
85,157 4 0	(*d*) Gully-flushing	87,262 5 10		93,926 0 0
13,58,934 10 9		13,47,882 14 3		13,65,436 0 0
	(*e*) Removal of Town Refuse to Tardeo for transport to Deonar—			
3,20,727 2 6	1. Bullock Traction.	2,79,895 13 8		3,00,215 0 0
.....	2. Incineration ...	955 3 3		1,354 0 0
95,610 6 3	3. Loading Siding ...	1,08,316 5 1		1,40,076 0 0
1,899 13 0	Reclamation ...	.....		.....
4,18,237 5 9		3,89,167 6 0		4,41,645 0 0
1,15,237 14 4	(*f*) Miscellaneous	92,565 11 9		1,02,434 0 0
18,92,409 14 10		18,29,616 0 0		19,09,515 0 0
1,61,426 10 5	B.—Transport of refuse, etc., to Deonar	1,97,834 4 6		2,00,813 0 0
44,377 8 0	C.—Road watering	30,212 11 6		35,000 0 0
	D.—Halalkhore Service—			
2,84,585 15 9	(*a*) Cleansing and Sanitation	2,71,792 1 1		2,75,150 0 0
54,122 14 10	(*b*) Bullock Traction ...	58,870 3 3		66,111 0 0
69,594 5 3	(*c*) Miscellaneous	71,689 7 10		76,416 0 0
4,08,303 3 10		4,02,351 12 2		4,17,677 0 0
43,341 3 4	New Works	2,590 11 0		10,001 0 0
4,47,029 13 4	Debt Charges	4,71,435 15 0		5,01,366 3 4
29,93,888 5 9			29,34,041 6 2	30,74,372 3 4
	VIII.—Roads, Drains and Sewers.			
1,71,125 7 7	A.—General	1,47,376 11 1		1,55,430 0 0
10,75,288 7 11	B.—Maintenance of Roads ...	10,63,027 2 7		11,43,027 0 0
10,45,249 10 5	C.—Public Lighting	10,04,049 1 5		10,15,035 0 0
	D.—Cleansing of Drains and Sewers and Street connections			
3,23,149 15 2		3,01,426 4 10		3,17,074 0 0
26,14,813 9 1		25,15,879 3 11		26,30,566 0 0
57,693 0 8	New works	55,193 14 7		71,102 0 0
33,43,240 6 4	Debt charges	33,19,923 4 4		34,31,426 15 1
60,15,747 0 1			58,90,996 6 10	61,33,094 15 1
2,32,86,242 5 4	Carried over Rs. ...		2,27,78,461 9 2	2,36,75,085 6 7

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1932-33.	
Balance unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p. 5,14,194 8 0	Rs. a. p. 2,08,481 0 0	Rs. a. p. 3,05,713 8 0	Rs. a. p. *Cr.* 10,278 8 1	Rs. a. p. 3,12,904 11 3
3,110 6 7	130 0 0	2,980 6 7	.....	18,598 3 11
1,214 8 8	.....	1,214 8 8	358 10 0	....
5,851 15 4	1,100 0 0	4,751 15 4	3,577 15 7	.....
712 9 0	30 0 0	682 9 0	1,504 12 0	.....
6,663 10 2	60 0 0	6,603 10 2	2,105 1 10	.....
17,553 1 9	1,320 0 0	16,233 1 9	7,546 7 5	18,598 3 11
20,319 2 4	4,096 0 0	16,223 2 4	.....	40,831 4 10
398 12 9	.....	398 12 9	955 3 3	.....
31,759 10 11	20,625 0 0	11,134 10 11	12,705 14 10	.....
.....	.....	0 0 0	.....	1,899 13 0
52,477 10 0	24,721 0 0	27,756 10 0	13,661 2 1	42,731 1 10
9,868 4 3	.....	9,868 4 3	.....	22,672 2 7
79,899 0 0	26,041 0 0	53,858 0 0	21,207 9 6	84,001 8 4
2,978 11 6	179 0 0	2,799 11 6	36,407 10 1	.....
4,787 4 6	.....	4,787 4 6	.....	11,1[illegible] 12 6
3,857 14 11	600 0 0	2,757 14 11	.....	12,793 14 8
7,240 12 9	2,058 0 0	5,182 12 9	4,747 4 5	.....
4,726 8 2	1,512 0 0	3,214 8 2	2,095 2 7	.....
15,325 3 10	4,170 0 0	11,155 3 10	6,842 7 0	12,793 14 8
7,410 5 0	6,187 0 0	1,223 5 0	.....	40,750 8 4
29,930 4 4	16,523 0 0	13,407 4 4	24,406 1 8	.....
1,40,330 13 2	53,100 0 0	87,230 13 2	88,863 12 3	1,48,710 11 10
8,053 4 11	528 0 0	7,525 4 11	.....	23,748 12 6
79,999 13 5	19,991 0 0	60,008 13 5	.....	12,261 5 4
10,985 14 7	690 0 0	10,295 14 7	.....	41,200 9 0
15,647 11 2	1,167 0 0	14,480 11 2	.....	21,723 10 4
1,14,686 12 1	22,376 0 0	92,310 12 1	.....	98,934 5 2
15,908 1 5	1,352 0 0	14,556 1 5	.....	2,499 2 1
1,11,503 10 9	63,959 0 0	47,544 10 9	.....	23,317 2 0
2,42,098 8 3	87,687 0 0	1,54,41[illegible] 8 3	.....	1,24,750 9 3
8,96,623 13 5	3,49,268 0 0	5,47,355 13 5	78,585 4 2	5,86,366 0 4

Appendix

EXPEN

Actuals for 1932-33.	PARTICULARS.	Details of Actuals for 1933-34.	Actuals for 1933-34.	Final Grants sanctioned for Expenditure during 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,32,86,242 5 4	Brought forward Rs. ...		2,27,78,461 9 2	2,36,75,085 6 7
	IX.—Mechanical.			
... ..	A.—Mechanical Engineering Office Establishment. ...	70,086 7 1		75,288 0 0
	B.—Pumping and Compressor Stations—			
8,151 15 0	(*a*) Inspection and Supervision	9,287 7 0		9,530 0 0
2,10,696 10 5	(*b*) Pumping Station, Love Grove	1,76,243 12 3		2,04,959 14 0
	(*c*) Compressor Station, in the City—			
45,442 12 6	(*i*) Compressor Station, Colaba	45,559 13 5		47,762 13 0
2,17,676 3 0	(*ii*) Compressor Station, Victoria Garden, Fergussion Road and Warden Road ...	1,78,449 1 6		1,98,261 1 0
7,745 2 7	(*d*) Flood Gates	5,893 12 9		8,413 0 0
4,89,712 11 6		4,15,433 14 11		4,68,926 12 0
9,982 7 10	C.—Supervision of Factories, Workshops and Workplaces	10,375 11 8		10,654 0 0
	D.—Transport—			
14,438 0 0	1. Inspection and Supervision	15,980 8 6		16,836 0 0
3,072 11 0	2. Upkeep of M.C.'s motor ...	3,543 12 6		3,919 0 0
612 0 0	3. ,, of S.S's motor ..	69 2 0		350 0 0
4,051 14 0	4. ,, of H.O.'s motor ...	3,523 14 6		3,877 0 0
3,842 13 6	5. ,, of Motor Hearses..	3,682 0 0		4,693 0 0
12,241 9 0	6. ,, of Motor Ambulances	10,502 10 0		11,141 11 0
19,931 0 6	7. Road Scraping... ...	18,519 6 4		20,704 3 0
2,66,428 4 6	8. Removal of Town Refuse to Tardeo for Transport to Deonar	2,24,530 8 0		2,96,732 12 0
17,595 2 9	9. Upkeep of motor silt wagons	17,399 1 5		18,856 0 0
29,466 3 6	10. Halalkhore service ..	28,112 0 3		29,388 0 6
	11. Markets and Slaughter Houses-Disposal of—			
10,172 5 4	(*a*) Offal	8,644 6 0		9,572 0 0
53,357 12 6	(*b*) Meat carriage ...	44,460 15 0		50,368 7 0
63,530 1 10		53,105 5 0		59,940 7 0
4,35,179 12 7		4,38,968 4 6		4,66,438 1 6
19,235 9 11	E.—Refrigerator	19,471 13 7		20,971 0 0
90 1 0	F.—Refuse Manipulator at Carnac Road	.....		.. ..
... ..	G.—Oiling and greasing surplus Machinery	.....		150 0 0
34,909 4 1	New Works	40,649 11 0		80,824 0 0
1,59,298 9 0	Debt Charges	1,67,148 6 0		1,75,626 5 0
11,48,408 7 11			11,62,134 4 9	12,98,878 2 6
2,44,34,650 13 3	Carried over Rs. ...		2,39,40,595 13 11	2,49,73,963 9 1

No. 4—*continued.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1932-33.	
Balance unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
8,96,623 13 5	3,49,268 0 0	5,47,355 13 5	78,585 4 2	5,86,366 0 4
5,201 8 11	751 0 0	4,450 8 11	70,086 7 1	.....
242 9 0	0 0 0	242 9 0	1,135 8 0	.....
28,716 1 9	4,000 0 0	24,716 1 9	...	34,452 14 2
2,202 15 7	27 0 0	2,175 15 7	117 0 11	.....
19,811 15 6	2,617 0 0	17,194 15 6	...	39,227 1 6
2,519 3 3	0 0 0	2,519 3 3	.....	1,851 5 10
53,492 13 1	6,644 0 0	46,848 13 1	1,252 8 11	75,531 5 6
278 4 4	0 0 0	278 4 4	393 3 10	.....
855 7 6	90 0 0	765 7 6	1,542 8 6	.....
375 3 6	100 0 0	275 3 6	471 1 6	.....
280 14 0	0 0 0	280 14 0	...	542 14 0
353 1 6	50 0 0	303 1 6	.....	527 15 6
1,011 0 0	140 0 0	871 0 0	...	160 13 6
639 1 0	23 0 0	616 1 0	.....	1,708 15 0
2,184 12 8	660 0 0	1,524 12 8	.....	1,411 10 2
12,202 4 0	1,908 0 0	10,294 4 0	18,102 3 6	.....
1,456 14 7	75 0 0	1,381 14 7	.....	196 1 4
1,276 0 3	262 0 0	1,014 0 3	.....	1,354 3 3
927 10 0	35 0 0	892 10 0	.....	1,527 15 4
5,907 8 0	1,570 0 0	4,397 8 0	...	8,896 13 6
6,835 2 0	1,545 0 0	5,290 2 0	.....	10,424 12 10
27,469 13 0	4,853 0 0	22,616 13 0	20,115 13 6	16,327 5 7
1,499 2 5	0 0 0	1,499 2 5	236 3 8	.....
.....	0 0 0	0 0 0	.....	90 1 0
150 0 0	0 0 0	150 0 0	.....	.....
40,174 5 0	23,068 0 0	17,106 5 0	5,740 6 11	.....
8,477 15 0	2,827 0 0	5,650 15 0	7,849 13 0	.....
1,36,743 13 9	38,143 0 0	98,600 13 9	1,05,674 8 11	91,948 12 1
10,33,367 11 2	3,87,411 0 0	6,45,956 11 2	1,84,259 13 1	6,78,314 12 5

Appendix

EXPEN

Actuals for 1932-33.	PARTICULARS.	Details of Actuals for 1933-34.	Actuals for 1933-34.	Final Grants sanctioned for Expenditure during 1933-34.
1	2	3	4	5
Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,44,34,650 13 3	Brought forward Rs. ...		2,39,40,595 13 11	2,49,73,963 9 1
	X.—Buildings, Land Acquisition and Management—			
	A.—City Engineer's Central			
1,23,256 11 5	Office Establishment ...	1,11,337 3 11		1,20,941 0 0
	B.—Inspection and Supervision			
1,93,183 11 5	of Private Buildings ...	2,04,388 10 8		2,07,447 3 7
91,799 4 0	C.—Architectural	1,07,849 12 0		93,998 0 0
	D.—Land Acquisition and Man-			
1,17,244 1 6	agement	1,26,638 4 6		1,18,209 0 0
	E.—Proportionate charge on Account of Improvement			
	Schemes Supervision ..	3,030 15 0		.....
	Proportionate share of cost of Establishment, Supervision chargeable to Improvement			
	Schemes, ...	*Cr.* 53,730 13 10		.....
2,148 3 0	New Works	15,650 8 11		16,961 13 0
25,48,854 8 8	Debt Charges	24,31,788 14 0		25,19,020 6 11
30,76,486 8 0			29,46,952 7 2	30,76,577 7 6
3,02,499 1 6	**XI.—Fire Brigade ... ...**	2,68,593 5 8		3,24,525 0 0
.....	New Works	423 3 0		460 0 0
40,531 13 2	Debt Charges	40,070 2 6		40,538 5 0
3,43,030 14 8			3,09,086 11 2	3,65,523 5 0
	XII.—Licensing and Removal of Encroachments on Public Streets.			
	A.—Licensing Establishment ...			
69,658 2 0	B.—Removal of Encroachment on Public Streets... ...	69,880 6 6		70,545 0 0
38,381 15 4	New Works	38,778 6 1		42,355 0 0
.....		262 3 0		267 8 11
1,08,040 1 4			1,08,920 15 7	1,13,167 8 11
	XIII.—Gardens and Open Spaces.			
	A.—Gardens—			
1,15,780 4 7	(*a*) Victoria Gardens ...	1,16,956 11 8		1,24,551 0 0
	(*b*) Miscellaneous Gardens,			
33,053 4 10	Open Spaces, Band Stands, etc.	32,160 1 1		35,058 0 0
1,48,833 9 5		1,49,116 12 9		1,59,609 0 0
	B.—New Gardens, Recreation			
7,301 0 5	Grounds, etc.	7,660 0 5		9,491 0 0
1,749 12 3	New Works	364 1 4		400 0 0
2,46,193 13 4	Debt Charges	2,40,652 13 0		2,45 988 13 1
4,04,078 3 5			3,97,793 11 6	4,15,488 13 1
	XIV.—Markets and Slaughter Houses.			
	A.—Markets and Slaughter Houses—			
43,262 14 0	(*a*) Central Office	39,243 0 0		39,453 0 0
1,46,549 5 7	(*b*) Municipal Markets ...	1,35,139 9 11		1,50,065 1 0
83,973 7 9	(*c*) Slaughter Houses ...	87,900 4 2		1,01,997 0 0
2,73,785 11 4		2,62,282 14 1		2,91,515 1 0
1,983 14 7	New Works	1,293 5 8		4,380 0 0
3,37,859 9 3	Debt Charges	3,35,098 2 0		3,41,178 9 7
	Proportion of General Supervi-			
20,147 8 6	sion & Collection of Revenue.	16,005 9 1		17,034 0 0
6,33,776 11 8			6,14,679 14 10	6,54,107 10 7
23,52,241 15 11	**XV.—Contribution towards Improvement schemes.**		32,84,740 0 3	34,31,030 0 0
	XVI.—Provident Fund, Pensions, Gratuities, and Compassionate Allowances.			
2,59,046 1 10	A.—Provident Fund	3,31,607 0 0		3,33,500 0 0
5,57,765 14 0	B.—Pensions, Gratuities, etc....	6,17,221 12 0		6,30,795 0 0
8,16,811 15 10			9,48,828 12 0	9,64,295 0 0
3,21,69,117 4 1	Total Rs. ..		3,25,51,599 6 5	3,39,94,153 6 2

M. R. TAMBE,

Chief Accountant.

No. 4—*concluded.*

DITURE.

Final Grants compared with the Actuals.			Compared with the Actuals for 1932-33.	
Balance unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease.
6	7	8	9	10
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
10,33,367 11 2	3,87,411 0 0	6,45,956 11 2	1,84,259 13 1	6,78,314 12 5
9,603 12 1	200 0 0	9,403 12 1	.....	11,919 7 6
3,053 8 11	805 0 0	2,253 8 11	11,204 15 3	.....
Dr. 13,851 12 0	300 0 0	.....	16,050 8 0	.....
Dr. 8,429 4 6	201 0 0	27,917 14 4	9,394 3 0	.....
Dr. 3,030 15 0	.....	.....	3,030 15 0	.....
53,730 13 10	.....	.....	*Cr.* 53,730 13 10	.....
1,311 4 1	1,162 0 0	149 4 1	13,502 5 11	.....
87,231 8 11	14,309 0 0	72,922 8 11	.....	1,17,065 10 8
1,29,624 0 4	16,977 0 0	1,12,647 0 4	*Cr.* 547 14 8	1,28,985 2 2
55,931 10 4	284 0 0	55,647 10 4	.....	33,905 11 10
36 13 0	.....	36 13 0	423 3 0	.....
468 2 6	3 0 0	465 2 6	.....	461 10 8
56,436 9 10	287 0 0	56,149 9 10	423 3 0	34,367 6 6
664 9 6	54 0 0	610 9 6	222 4 6	.....
3,576 9 11	98 0 0	3,478 9 11	396 6 9	.....
5 5 11	.....	5 5 11	262 3 0	.....
4,246 9 4	152 0 0	4,094 9 4	880 14 3	.....
7,594 4 4	162 0 0	7,432 4 4	1,176 7 1	.....
2,897 14 11	82 0 0	2,815 14 11	.....	893 3 9
10,492 3 3	244 0 0	10,248 3 3	1,176 7 1	893 3 9
1,830 15 7	471 0 0	1,359 15 7	359 0 0	.....
35 14 8	.....	35 14 8	.....	1,385 10 11
5,336 0 1	169 0 0	5,167 0 1	.....	5,541 0 4
17,695 1 7	884 0 0	16,811 1 7	1,535 7 1	7,819 15 0
210 0 0	.....	210 0 0	.....	4,019 14 0
14,925 7 1	127 0 0	14,798 7 1	.....	11,409 11 8
14,096 11 10	6,088 0 0	8,008 11 10	3,926 12 5	.....
29,232 2 11	6,215 0 0	23,017 2 11	3,926 12 5	15,429 9 8
3,086 10 4	.....	3,086 10 4	.....	690 8 11
6,080 7 7	687 0 0	5,393 7 7	.....	2,761 7 3
1,028 6 11	568 0 0	460 6 11	.....	4,141 15 5
39,427 11 9	7,470 0 0	31,957 11 9	3,926 12 5	23,023 9 3
1,46,289 15 9	.....	1,46,289 15 9	9,32,498 0 4	.....
1,893 0 0	.....	1,893 0 0	72,560 14 2	.....
13,573 4 0	9,800 0 0	3,773 4 0	59,455 14 0	.....
15,466 4 0	9,800 0 0	5,666 4 0	1,32,016 12 2	.....
14,42,553 15 9	4,23,981 0 0	10,19,572 15 9	12,54,992 15 8	8,72,510 13 4

I. H. TAUNTON,
Municipal Commissioner

Appendix

REVENUE ACCOUNT BALANCE

Liabilities.	Rs. a. p.	Rs. a. p.
Debts—		
Due on Cash Bills Outstanding Account	16,474 1 2	
„ Cheques payable	3,97,293 8 4	
„ Stores purchased, Outstanding Accounts	25,741 11 4	
„ Outstanding Charges for 1933-34 and previous years	4,22,981 0 0	
„ „ „ on account of Interest accrued but not paid ... (*Vide* details shown in Appendix No. 14D).	16,57,168 11 4	
Improvement Schemes—		
Contribution falling due in 1934-35	22,26,453 0 4	
Deposits in Cash and Public Securities from Contractors and private parties. (*Vide* details as shown in Appendix No. 14 B.)	39,11,261 13 3	86,57,373 13 9
Public Monuments Maintenance Fund (*vide* details as shown in Appendix No. 16 B.)		1,09,710 13 0
Endowments Fund (*vide* details shown in Appendix No. 16 C.)		1,14,265 4 0
Stock Account—		
Capital Purchases Account, &c.	1,852 2 0	
Stock Adjustment Account	4,764 6 0	6,616 8 0
Special Funds as at 31st March 1934.—		
Fire and Accident Insurance Fund	7,60,413 14 10	
Net Premia Fund	55,99,552 7 7	
Provident Fund	85,08,804 1 6	
Fines Fund	4,91,125 5 2	
Plant and Machinery Depreciation Fund	22,26,149 15 7	
Renewal of Road Surfaces Fund	13,95,489 9 6	
Gardens Fund	22,078 10 9	1,90,03,614 0 11
Loan Redemption Fund—		
Amount held in General Fund for repayment of 40 Lakhs Loan debentures due 1929		3,000 0 0
Carried forward Rs. ...		2,78,94,580 7 8

No. 5.

SHEET AS AT 31ST MARCH 1934.

Assets.	Rs. a. p.	Rs. a. p.
Cash at Bank	11,98,253 13 2	
Cash in Office	9,613 11 11	
		12,07,867 9 1
Interest warrants Payable Account		34,925 15 7
Interest on B. I. Trust Loans Payable Account		67,030 15 0
Debts—		
Due for Stores sold	....	24 10 0
Stock—(*Vide* Appendix No. 14 C.)		
Stock (Reserve Stores)	2,27,628 2 10	
Line Suspense Account	85,796 12 5	
Line Suspense Account—Surplus and Obsolete Stores	43,512 14 4	
Water Works Imprest	2,535 13 2	
City Engineer's Department (Works Engineer)	22,306 1 9	
	3,81,779 12 6	
Capital Stores—		
Stock	2,28,243 14 3	
		6,10,023 10 9
Plant and Machinery		21,81,832 10 5
Advances Recoverable—(*Vide* Appendix No. 14.)		
Departmental Works	37,555 11 4	
Private Works	33,027 3 10	
Asphalt Plant, Crushers, &c.	80,358 8 0	
Municipal Officers	(*a*) 17,750 9 6	
Sundries—Mis.—Advances	(*b*) 84,046 3 4	
Municipal Tenderers, Contractors, &c.	6,318 8 0	
Purchase of Coal	17,315 4 7	
Purchase of Petrol	7,465 11 0	
		2,83,837 11 7
Advances out of Special Funds—(*Vide* Appendix No. 14-A)		
Advance from Plant and Machinery Depreciation Fund for purchase of Plant and Machinery	56,484 7 0	
Advance from Municipal Fire and Accident Insurance Fund for meeting Capital Expenditure	5,00,000 0 0	
Advance from Fine Fund for Meeting Capital Expenditure	3,00,000 0 0	
Advance from Plant and Machinery Depreciation Fund for meeting capital expenditure	12,92,520 11 0	
Advance from Renewal of Road Surfaces Fund for meeting capital expenditure	7,74,499 0 0	
Advance from Plant and Machinery Depreciation Fund for levelling, metalling, etc, private streets	79,259 8 9	
		30,02,763 10 9
Deposits in Public Securities—		
With the Imperial Bank of India	7,91,840 0 0	
In Office	12,01,500 0 0	
		19,93,340 0 0
Carried forward Rs.		93,81,656 13 2

(*a*) Advances to Municipal officers for Contingent expenditure ... Rs. 12,030 9 6
Do. do. do. for Motor cars, etc., and cycles ... ,, 5,720 0 0
Rs. 17,750 9 6

(*b*) Advances an account of Improvement Schemes Account ... Rs. 75,226 5 2
Other recoverable advances ... ,, 8,819 14 2
Rs. 84,046 3 4

Appendix

REVENUE ACCOUNT BALANCE

	Rs. a. p.	Rs. a. p.
Brought over Rs. ...		2,78,94,580 7 8
Surplus Revenue Fund as per Appendix No. 2		34,95,743 11 10
Total Rs.		3,13,90,324 3 6

M. R. TAMBE,
Chief Accountant.

No. 5—*concluded.*

SHEET AS AT 31st MARCH 1934.

	In Securities. Face Value.	In Securities. Actual cost.	Deposits in Cash Fixed, at call and current a/c.	Rs. a. p.	Rs. a. p.
	Brought over ...				93,81,656 13 2
	As per Appendix No. 16.				
Investments—					
Special Funds.	Rs.	Rs. a. p.	Rs. a. p.		
Municipal Fire and Accident Insurance Fund	2,80,900	2,60,033 7 0	380 7 10	2,60,413 14 10	
Net Premia, &c., on different Municipal Loans	36,78,800	32,50,393 6 0	23,49,159 1 7	55,99,552 7 7	
Provident Fund ...	95,17,600	85,08,329 8 9	474 8 9	85,08,804 1 6	
Fines Fund	2,02,400	1,90,655 11 0	469 10 2	1,91,125 5 2	
Plant and Machinery Depreciation Fund...	8,25,600	7,97,438 14 0	446 6 10	7,97,885 4 10	
Renewal of Road Surfaces Fund	6,59,000	6,20,548 10 0	441 15 6	6,20,990 9 6	
Gardens Fund	23,600	21,696 0 0	382 10 9	22,078 10 9	(a) 1,60,00,850 6 2
Surplus Funds.					
3½ % G. P. Notes	200	163 6 0			
3½ % Loan 1947-50	1,43,900	1,38,144 0 0			
4 % ,, 1960-70	4,78,600	4,34,871 4 0			
4 % ,, 1934-37	2,000	1,776 4 0			
4½ % ,, 1955-60	2,800	2,306 8 0			
4 % Bombay Port Trust Deb.	2,700	1,890 0 0			
4 % Bombay Imp. Trust Deb.	97,300	81,975 4 0			
6 % ,, ,, ,, ,,	3,43,600	3,43,600 0 0			
	10,71,100	10,04,726 10 0			
Fixed Deposits...	.....	.....	34,18,900 0 0		
Current Account Deposits ...	.....	.....	13,59,276 11 1		
Cash with Imperial Bank of India	.....	.....	937 10 1		
	10,71,100	10,04,726 10 0	47,79,114 5 2		57,83,840 15 2
Public Monuments Maintenance Fund.					
(*Vide* Appendix No. 16 B.)..	1,15,100	1,09,710 13 0	.....	1,09,710 13 0	
Endowments Fund.					
(*Vide* Appendix No. 16 C.) ...	1,24,000	1,14,265 4 0	.....	1,14,265 4 0	2,23,976 1 0
Total Rs. ...					3,13,90,324 3 6

(a) For Face, Purchase and Market values of each kind of securities held in the Special Funds, please see Appendix No. 16 attached.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 6.

Statement of Special Funds for 1933-34.

Municipal Fire and Accident Insurance Fund.

(Corporation Resolution No. 4572 of 4th October 1888, Corporation Resolution No. 4479 of 5th October 1914, Standing Committee Resolution No. 3451 of 2nd July 1924, Corporation Resolution No. 13888 of 18th February 1926.)

		Dr.	*Cr.*
		Rs. a. p.	Rs. a. p.
Balance on 1st April 1933			7,08,320 7 8
Contributions for the year			26,122 0 0
Interest realized			31,803 0 0
Expenditure during the year		5,831 8 10	
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5 :—			
Amount advanced for financing Capital Expenditure	5,00,000 0 0		
Amount held in Securities and cash	2,60,413 14 10		
		7,60,413 14 10	
Total Rs. ...		7,66,245 7 8	7,66,245 7 8

Worn-out Water Mains Renewal Fund.

(Standing Committee Resolution No. 12512 of 22nd February 1893 and Corporation Resolution No. 13406 of 9th March 1893.)

	Rs. a. p.	Rs. a. p.
Balance on 1st April 1933		1,67,732 10 8
Interest realized		7,724 8 0
Expenditure incurred during the year	18,284 7 6	
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 7..	1,57,172 11 2	
Total Rs. ...	1,75,457 2 8	1,75,457 2 8

Net Premia Fund.

Corporation Resolution Nos. 5294 of 19th November 1888, 9222 of 11th December 1893 and 5179 of 15th November 1906 and Standing Committee Resolution No. 3343 of 28th August 1907.)

		Rs. a. p.	Rs. a. p.
Balance on 1st April 1933			21,61,437 3 7
Interest realised during this year			36,401 5 11
Profit on conversion of Securities			2,887 8 0
Sale of water-marked paper			74 12 1
Transfer of Sinking Fund Investment Reserve Fund			596 0 0
Transfer from Sinking Funds—			
on account of excess accumulations	Rs. 34,65,272 12 11		
on account of interest on excess accumulations	„ 1,21,156 0 0		
			35,86,428 12 11
Amount transferred to meet repayment of Loans		30,715 13 0	
Transfer of interest realised during the year to Revenue		1,57,557 5 11	
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5 ...		*55,99,552 7 7	
Total Rs. ...		57,87,825 10 6	57,87,825 10 6

* Out of this, Rs. 25,14,225 belong to Water Works Account.

Appendix No. 6—*continued.*

Statement of Special Funds for 1933-34.

Provident Fund.

(Corporation Resolution No. 5598 of 7th September 1920.)

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
				Dr.			*Cr.*		
Balance on 1st April 1933 :—									
Amount of Subscribers' accounts other than Schools Committee's Employees	43,08,367	10	0						
Subscription and Interest (Schools Committee's Employees)—									
Subscription and interest ... 15,55,922 0 0									
Add—									
Interest adjusted 2,62,470 7 0									
	18,18,392	7	0						
Excess Interest, Profit on Sale of Securities, &c.	3,58,897	9	9						
							64,85,657	10	9
Net Receipts on account of Subscribers' and Municipal contributions for 1933-34 in respect of Employees other than Schools Committee's Employees							5,67,558	0	0
Interest allowed on Provident Fund Accounts of Employees other than those under the School Committee for 1933-34							2,19,191	13	0
Amount of Provident Fund Account of the Trust Employees on 1-10-1933:—									
As per published Balance Sheet ... 9,41,922 4 0									
Deduct—									
Advances to Trust Employees as per Balance Sheet 43,453 10 7									
	8,98,468	9	5						
Deduct—									
Net payments to the Trust Employees from 1-10-33 to 31-3-34 ... 74,787 14 5									
Less—									
Contribution from Improvement Schemes Account for the year 1933-34 .. 38,616 6 8									
	36,171	7	9						
	8,62,297	1	8						
Add—									
Interest allowed on Provident Fund Accounts for the year 1933-34	43,760	7	6						
							9,06,057	9	2
Receipts on account of subscription and contributions in respect of Schools Committee's Employees during 1933-34	2,07,705	2	0						
Add—									
Interest allowed on Provident Fund Accounts for 1933-34...	92,991	13	0						
							3,00,696	15	0
Amount of Excess Interest realised on investments during 1933-34... ...							25,505	9	7
Profit on account of conversion of Securities							4,136	8	0
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5				85,08,804	1	6			
Total Rs. ...				85,08,804	1	6	85,08,804	1	6

Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919.)

	Rs.	a.	p.	Rs.	a.	p.
Balance on 1st April 1933				4,60,339	5	9
Interest realized during the year				21,059	6	6
Net Recoveries of fines during the year				24,064	15	0
Expenditure during the year	14,362	6	1			
Profit on conversion of Securities				24	0	0
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5 —						
Amount advanced for financing capital expenditure 3,00,000 0 0						
Amount held in Securities and cash 1,91,125 5 2						
	4,91,125	5	2			
Total Rs. ...	5,05,487	11	3	5,05,487	11	3

Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924.)

	Rs.	a.	p.	Rs.	a.	p.
Balance on 1st April 1933				23,52,133	9	5
Interest realized during the year				1,09,539	5	10
Amount of depreciation on plant and machinery credited to Fund account during the year				81,010	0	0
Value of scrap of Plant and Machinery sold				2,150	8	0
Expenditure on purchase of Plant and Machinery for replacement ...	45,091	3	8			
Profit on conversion of Securities				1,407	12	0
Transfer to Revenue	2,75,000	0	0			
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5 :—						
Amount advanced for financing capital expenditure ... ... Rs. a. p. 12,92,520 11 0						
Amount advanced for meeting expenditure on levelling, metalling, etc., Private streets ... 79,259 8 9						
Amount advanced for purchase of Plant and Machinery during 1933-34 pending adjustment against provisions for depreciation in subsequent years. 56,484 7 0						
Amount held in Securities and cash 7,97,885 4 10						
	22,26,149	15	7			
Total Rs. ...	25,46,241	3	3	25,46,241	3	3

Appendix No. 6—*concluded.*

Statement of Special Funds for 1933-34.

Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925.)

	Dr.			*Cr.*		
	Rs.	a.	p.	Rs.	a.	p.
Balance on 1st April 1933				11,87,323	3	7
Interest realized during the year				56,416	13	11
Contribution from Revenue during the year				1,36,515	0	0
Profit on conversion of Securities...				15,234	8	0
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5—						
Rs. a. p.						
Advance for financing Capital Expenditure ... 7,74,499 0 0						
Amount held in Securities and Cash 6,20,990 9 6	13,95,489	9	6			
Total Rs.	13,95,489	9	6	13,95,489	9	6

Gardens Fund.

(Corporation Resolution No. 912 of 1st May 1930.)

	Rs.	a.	p.	Rs.	a.	p.
Balance on 1st April 1933				14,338	11	0
Recoveries during the year				8,787	9	0
Interest realized during the year...				867	8	0
Expenditure incurred during the year	1,915	1	3			
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5.	22,078	10	9			
Total Rs. ...	23,993	12	0	23,993	12	0

Levelling, Metalling, &c., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926.)

	Rs.	a.	p.	Rs.	a.	p.
Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund up to 1st April 1933 ...	1,18,889	14	10			
Expenditure during the year	26,809	6	5			
Recoveries on account of expenditure during the year				59,721	8	2
Interest charges during the year	4,596	10	7	11,314	14	11
Advance from Plant and Machinery Depreciation Fund as at 31st March 1934				79,259	8	9
Total Rs. ...	1,50,295	15	10	1,50,295	15	10

Public Monuments Maintenance Fund.

	Rs.	a.	p	Rs.	a.	p.
Balance on 1st April 1933				1,08,310	13	0
Donations received during the year				1,400	0	0
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5...	1,09,710	13	0			
Total Rs. ...	1,09,710	13	0	1,09,710	13	0

Endowments Fund.

	Rs.	a.	p.	Rs.	a.	p.
Balance on 1st April 1933				1,11,265	4	0
Endowments during the year				3,000	0	0
Balance on 31st March 1934 as per Balance Sheet, Appendix No. 5..	1,14,265	4	0			
Total Rs. ..	1,14,265	4	0	1,14,265	4	0

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

CAPITAL FUND BALANCE

Liabilities.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Loans Outstanding :—			
Due to Government—			
(*Vide* details as shown in Appendix No. 11)		8,52,41,945 0 9	
Due to Public—			
(*Vide* details as shown in Appendix No. 11)		8,10,38,500 0 0	
(Advance from Special Funds, *vide* Appendix No. 11) ..		28,67,019 11 0	16,91,47,464 11 9
Trust Fund Account :—			
Balance out of donation received for Maternity Home at Chhas Moholla		52,614 15 5	
Donation from Sir Currimbhoy Ebrahim for the construction of a Primary School building :—			
Balance on 1st April 1933	49,246 7 10		
Interest	1,063 11 5	50,310 3 3	
Donation from Seth Jamnadas Lalubhai Charities for the construction of a Museum Hall at Gordhandas Sunderdas Medical College :—			
Balance on 1st April 1933	46,863 2 10		
Interest	162 8 0		
	47,025 10 10		
Deduct—			
Expenditure in 1933-34	46,862 0 0	163 10 10	
Donation from the N. M. Wadia Charities for Deep X-Ray Therapy Apparatus at King Edward Memorial Hospital :—			
Balance on 1st April 1933	26,634 12 0		
Deduct—			
Expenditure in 1933-34	25,066 8 6		
		1,568 3 6	1,04,657 1 0
Worn-out Water Mains Renewal Fund Account			1,57,172 11 2
Carried forward Rs. ...			16,94,09,294 7 11

No. 7.

SHEET AS AT 31st MARCH 1934.

Assets.

Block Account :—	Rs. a. p.	Rs. a. p.
Loan Funds—		
Property and Assets at original cost as per Appendix No. 8	23,43,07,381 13 0	
Deduct—Subventions granted for the conversion of privies into water-closets, shown below	20,89,050 0 0	
Add—	23,22,18,331 13 0	
Subventions granted for the conversion of privies into water-closets	20,89,050 0 0	
		23,43,07,381 13 0
Trust Fund—		
Expenditure as per Appendix No. 8		35,41,971 14 10
Worn-out Water Mains Renewal Fund.—		
Expenditure as per Appendix No. 8		7,69,251 13 10
Unbooked Property.—		
As per valuation of 1884		45,37,835 11 11
Municipal Land and Buildings Fund :—		
Land purchased and Buildings erected as per Appendix No. 8	43,03,043 6 8	
Temporary advance to Development Fund	31,77,390 6 0	
		74,80,433 12 8

Investments—

	In Securities.		In Cash.		
	Face Value.	Actual Cost.	Cash Deposits.		
SINKING FUND :—	As per Appendix No. 10.				
	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Sinking Fund	3,05,83,800 0 0 £25,000 0 0	2,90,71,987 7 8	454 10 5		(a) 2,90,72,442 2 1
Carried forward Rs. ...				.....	27,97,09,317 4 4

(a) For Face, Purchase and Market values for each kind of securities held in the Sinking Funds, please see Appendix No. 16A attached.

Appendix

CAPITAL FUND BALANCE

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over Rs. ...			16,94,09,294 7 11
Surplus—			
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES:—			
Sinking Fund on Loans	2,90,72,442 2 1		
Loans Redemption Fund	4,93,33,134 6 6		
Unbooked Property	45,37,835 11 11		
Premia on Loans	2,93,848 11 11		
Contributions from Special Funds	8,03,171 0 3		
,, ,, Revenue for Loan Works Establishment...	17,869 15 8		
,, ,, G. I. P. Ry.	3,74,000 0 0		
,, ,, Port Trust	1,56,500 0 0		
,, ,, Government for Schools	5,00,000 0 0		
,, ,, Worn-out Water Mains Renewal Fund ...	7,69,251 13 10		
,, ,, Land and Buildings Fund	74,80,433 12 8		
,, ,, Development Fund	1,34,32,075 7 8		
,, ,, Revenue towards Bai Jerbai Wadia Hospital for Children	7,00,000 0 0		
	10,74,70,563 2 6		
Contributions from Trust Fund—			
Royal Visit Fund in connection with a Ward for Tuberculosis Balance of Donation	52,687 0 5		
Gordhandas Sunderdas Medical College (Government Promissory Notes of the face value of Rs. 14½ lakhs received from Gordhandas Sunderdas Charities Trust)—			
Donation ... Rs. 9,00,072 0 0			
Interest ... ,, 1,84,215 13 6			
	10,84,287 13 6		
King Edward VII Memorial Hospital—			
Contribution from Government ... ,, 4,94,326 11 10			
,, ,, K. E. M. Committee ... ,, 6,94,599 0 11			
	11,88,925 12 9		
Fire Brigade Station at Frere Road—			
Contribution from Port Trust	1,32,318 6 0		
Maternity Home at Victoria Road 3rd Cross Lane—			
Contribution from Sir Mahomedbhoy Currimbhoy—			
Donation ... Rs. 1,00,970 1 7			
Interest ... ,, 11,593 1 11			
	1,12,563 3 6		
Willingdon Memorial Play ground (Amount received from Willingdon Memorial Committee)—			
Donation ... Rs. 1,35,604 11 4			
Interest ... ,, 22,435 3 7			
	1,58,039 14 11		
Maternity Home at Chhas Moholla (From the estate of Mr. Mahomed Haji Saboo Sidick)—Donation. Rs. 5,13,500 0 0			
Interest ... ,, 1,30,516 3 8			
,, 6,44,016 3 8			
Deduct—Amount held in Trust Fund Account ... ... ,, 52,614 15 5			
	5,91,401 4 3		
Memorial Ward at K. E. M. Hospital (Donation from the estate of the late Dr. Haji Ismail Jan Mahomed)	30,135 10 8		
Construction of a Primary School building at Nalbundikiwadi Mahim (Donation from Sir Currimbhoy Ebrahim) ...	80,536 5 6		
Construction of a Museum Hall at G. S. M. College. (Donation from Sir Jamnadas Lallubhai Charities)	85,947 1 10		
Purchasing and installing a Deep X-Ray Theraphy Apparatus at K. E. M. Hospital (Donation from N. M. Wadia Charities)	25,129 5 6		
	35,41,971 14 10		
Deduct—		11,10,12,535 1 4	
Assets written off		4,19,277 9 9	
			11,05,93,257 7 7
Total Rs. ...			28,00,02,551 15 6

M. R. TAMBE,

Chief Accountant.

No. 7—*concluded.*

SHEET AS AT 31ST MARCH 1934.

				Rs. a. p.	Rs. a. p.
	Brought over Rs. ...				27,97,09,317 4 4
	In Securities and Cash.				
	Face Value.	Actual Cost.	Cash Deposits.		
	Rs.	Rs. a. p.	Rs. a. p.		
Loan & Trust Funds.					
3½ per cent. Bombay Development Loan	2,500	2,598 7 0			
3½ per cent. Loan 1947-50 ...	28,500	27,360 0 0			
4½ per cent. Bonds 1934 ...	1,08,300	1,05,592 8 0			
	1,39,300	1,35,550 15 0	511 1 0		* 1,36,062 0 0
SPECIAL FUNDS:					
Worn-out Water Mains Renewal Fund	1,85,400	1,56,841 4 0	331 7 2		† 1,57,172 11 2
Total Rs. ...					28,00,02,551 15 6

* Inclusive of Rs. 1,04,657-1-0 on account of Trust Funds.

† For Face, Purchase and Market values for each kind of securities held, please see Appendix No. 16 attached.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 8.

SUMMARY.

	Capital Expenditure upto 31st March 1933.		Expended during the year.		Total Capital Expenditure upto 31st March 1934.
(1) Loan Funds.	Rs. a. p.		Rs. a. p.		Rs. a. p.
I.—General Supervision, Collection of Revenue, &c.	20,39,476 4 10		....		20,39,476 4 10
II.—Water Works	9,47,06,392 3 0	*Cr.*	123 10 6		9,47,06,268 8 6
III.—Education, Primary	21,87,033 7 8		1,974 5 3		21,89,007 12 11
V.—Public Health Department	14,03,214 13 0		....		14,03,214 13 0
VI.—Medical Relief and Education ..	67,35,004 14 11		6,573 14 9		67,41,578 13 8
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service	81,27,468 7 11		3,48,010 1 0		84,75,478 8 11
VIII.—Roads, Drains and Sewers	6,11,89,085 12 1		6,32,333 12 2		6,18,21,419 8 3
IX.—Mechanical	25,91,046 5 11		1,02,545 15 3		26,93,592 5 2
X.—Buildings, Land Acquisition and Management	4,14,59,996 7 3		55,945 13 0		4,15,15,942 4 3
XI.—Fire Brigade	10,59,485 14 9		....		10,59,485 14 9
XIII.—Gardens and Open Spaces	36,73,811 13 9	*Cr.*	384 0 7		36,73,427 13 2
XIV.—Markets and Slaughter Houses ..	77,34,371 14 7	*Cr.*	8 7 3		77,34,363 7 4
Discount and other Charges on Loans ..	2,54,125 10 3		....		2,54,125 10 3
(1) Loan Works—Total Rs. ..	23,31,60,514 1 11		11,46,867 11 1		23,43,07,381 13 0
(2) Trust Fund.					
Works executed	34,70,043 6 4		71,928 8 6		35,41,971 14 10
(3) Worn-out Water Mains Renewal Fund.					
Works executed	7,50,967 6 4		18,284 7 6		7,69,251 13 10
(4) Land and Buildings Fund.					
Lands purchased and buildings erected ..	43,03,043 6 8		....		43,03,043 6 8
(5) Works executed out of Surplus Cash Balance pending raising of a Loan.					
Conversion of insanitary basket privies, &c.	2,50,000 0 0	*Cr.*	2,50,000 0 0		....
Grand Total Rs. ..	24,19,34,568 5 3		9,87,080 11 1		24,29,21,649 0 4

Appendix No. 8.

Block Account showing details of Capital Expenditure upto 31st March 1934.

—	Capital Expenditure upto 31st March 1933.	Expended during the year.	Total Capital Expenditure upto 31st March 1934.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, ETC.			
Works completed (*vide* page 57 of the Report for 1932-33)	20,39,476 4 10	....	20,39,476 4 10
II.—WATER WORKS, ORDINARY.—			
Works completed (*vide* page 57 of the Report for 1932-33)	4,47,37,515 15 0	....	4,47,37,515 15 0
	4,47,37,515 15 0	....	4,47,37,515 15 0
Works in progress:—			
Laying an additional length of 6″ water mains in C.I.T. Scheme at Dharavi.	7,306 9 7	*Cr.* 120 1 6	7,186 8 1
Providing additional water mains in Mahim Development Scheme	12,774 4 8	6 15 0	12,781 3 8
	20,080 14 3	*Cr.* 113 2 6	19,967 11 9
II.—Water Works, Ordinary, Total Rs. ..	4,47,57,596 13 3	*Cr.* 113 2 6	4,47,57,483 10 9
II.—Water Works—			
Tansa Triplication:—			
Works completed (*vide* pages 57 and 58 of the Report for 1932-33) ..	4,94,91,995 2 9	....	4,94,91,995 2 9
Section IV.—Supplying sluice valves and other apparatus	4,56,800 3 0	*Cr.* 10 8 0	4,56,789 11 0
Tansa Triplication, Total Rs. ..	4,99,48,795 5 9	*Cr.* 10 8 0	4,99,48,784 13 9
II.—Water Works, Total Rs ..	9,47,06,392 3 0	*Cr.* 123 10 6	9,47,06,268 8 6
III.—EDUCATION.			
SCHOOL BUILDINGS—			
Works completed (*vide* pages 58 and 59 of the Report for 1932-33)	*21,52,521 12 4	....	*21,52,521 12 4
Additions and alterations to the Gilder Tank Market Building	34,511 11 4	1,974 5 3	36,486 0 7
III.—Education, Total Rs.	21,87,033 7 8	1,974 5 3	21,89,007 12 11
V.—PUBLIC HEALTH.			
Works completed (*vide* page 58 of the Report for 1930-31)	14,03,214 13 0	....	14,03,214 13 0
VI.—MEDICAL RELIEF AND EDUCATION.			
Works completed (*vide* page 59 of the Report for 1932-33)	67,35,004 14 11	....	† 67,35,004 14 11
Works in progress—			
Construction of a Museum Hall at Gordhandas Sunderdas Medical College. (Part expenditure booked under Trust Fund)	....	6,573 14 9	6,573 14 9
VI.—Medical Relief &c., Total Rs. ..	67,35,004 14 11	6,573 14 9	67,41,578 13 8
VII.—STREET CLEANSING, CONSERVANCY, ROAD WATERING AND HALALKHORE SERVICE.			
Works completed (*vide* page 59 of the Report for 1932-33)	60,94,873 0 11	....	60,94,873 0 11
Construction of lightning crushers at Carnac Road (Part)	2,91,995 7 0	*Cr.* 439 15 0	2,91,555 8 0
	63,86,868 7 11	*Cr.* 439 15 0	63,86,428 8 11
Works in progress—			
Conversion of insanitary basket privies into Water-closets by subsidizing House Owners	17,40,600 0 0	3,48,450 0 0	20,89,050 0 0
	17,40,600 0 0	3,48,450 0 0	20,89,050 0 0
VII.—Street Cleansing, &c., Total Rs. ..	81,27,468 7 11	3,48,010 1 0	84,75,478 8 11

* Inclusive of Government share of contribution of Rs. 5 lakhs.

† Exclusive of Rs. 30,000 expended out of the donation from Sir Ibrahim Rahimtoola, Kt., for combined School and Dispensary at Sandhurst Road.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1933.	Expended during the year.	Total Capital Expenditure upto 31st March 1934.
VIII.—ROADS, DRAINS AND SEWERS.—	Rs. a. p.	Rs. a. p.	Rs. a. p.
ROADS AND OVERBRIDGES—			
ROADS—			
Works completed (*vide* page 60 of the Report for 1932-33)	97,29,781 14 2	....	*97,29,781 14 2
Remaking Roads in accordance with demands of heavy traffic	53,62,949 4 4	1,83,251 5 6	55,46,200 9 10
Widening Globe Mill passage (Municipal share)	1,18,119 3 11	1,443 12 0	1,19,562 15 11
New Foot-paths	7,19,686 13 3	15,353 8 0	7,35,040 5 3
	62,00,755 5 6	2,00,048 9 6	64,00,803 15 0
	1,59,30,537 3 8	2,00,048 9 6	1,61,30,585 13 2
OVERBRIDGES—			
Works completed (*vide* page 60 of the Report for 1932-33)	43,42,958 5 1	....	43,42,958 5 1
Dadar Overbridge..	5,54,383 3 5	*Cr.* 848 6 5	5,53,534 13 0
	48,97,341 8 6	*Cr.* 848 6 5	48,96,493 2 1
STREET IMPROVEMENTS—			
Street Improvements in different places set backs..	83,13,860 10 2	1,62,217 13 11	84,76,078 8 1
Special Street Improvements	19,000 0 0	....	†19,000 0 0
	83,32,860 10 2	1,62,217 13 11	84,95,078 8 1
Roads, Overbridges and Streets Improvements, Total Rs. ..	2,91,60,739 6 4	3,61,418 1 0	2,95,22,157 7 4
DRAINS AND SEWERS—			
Works completed (*vide* page 61 of the Report for 1932-33)	2,85,33,891 0 2	....	2,85,33,891 0 2
Construction of a new outfall at Love Grove.	22,51,189 9 0	*Cr.* 557 1 3	22,50,632 7 9
Construction of sewer in portions of Warden Road and Clerk Road from the existing Ejector station at Warden Road to join the main Sewer to Love Grove passing through Clerk Road ..	2,32,563 0 9	*Cr.* 4 14 9	2,32,558 2 0
	3,10,17,643 9 11	*Cr.* 562 0 0	3,10,17,081 9 11
Works in progress—			
Construction of Ovoid Sewer in Palton Road from the Junction of Carnac Road and Sydenham Avenue to Junc. of Palton Road and Hornby Road ...	1,40,374 15 3	5,974 0 9	1,46,349 0 0
Main sewerage and drainage of the City—			
(1) Acquisition of land at Tulsi Pipe Line Scheme for accommodating underground works..	5,30,276 8 6	....	5,30,276 8 6
(2) Preliminary expenses	2,12,704 6 9	9,000 0 0	2,21,704 6 9
(3) Fees for the preparation of plans and estimates, etc, in connection with the Schemes for the Storm Water Drainage and Sewerage and Sewage disposal of the City.	....	1,44,492 15 6	1,44,492 15 6
Covering up the water course in Delisle Road	9,749 3 0	*Cr.* 458 5 2	9,290 13 10
Providing a sewer in Lamington Road ..	49,457 15 7	53,877 10 10	1,03,335 10 5
Providing a sewer in Thakurdwar Road ..	22,372 13 9	41,343 5 10	63,716 3 7
Improvement to the sewerage system at Setalwad and Warden Roads	45,766 13 0	17,179 0 2	62,945 13 2
Deepening the storm-water channel at Love Grove	....	68 15 3	68 15 3
	10,10,702 11 10	2,71,477 11 2	12,82,180 7 0
Drains and Sewers Total Rs.	3,20,28,346 5 9	2,70,915 11 2	3,22,99,262 0 11
VIII—Roads, Drains & Sewer, Total Rs. ..	6,11,89,085 12 1	6,32,333 12 2	6,18,21,419 8 3

* Inclusive Rs. 1,56,500 contributed by the Port Trust for Wari Bunder Road.
† This was paid out of the Road Improvement Fund.

Appendix No. 8—*continued.*

	Capital Expenditure upto 31st March 1933.	Expended during the year.	Total Capital Expenditure upto 31st March 1934.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
IX.—MECHANICAL.			
WORKS COMPLETED—(*vide* page 61 of the Report for 1932-33)	25,30,585 5 4	....	25,30,585 5 4
Works in progress :—			
Improving the ejector system in the city.	60,461 0 7	80,260 6 3	1,40,721 6 10
Providing two electrically driven pumps at Love Grove Pumping Station ..	....	29 7 5	29 7 5
New Sealed Sewage Main from Arthur Road Ejector to the gravitation Sewer in Clerk Road	....	22,256 1 7	22,256 1 7
	60,461 0 7	1,02,545 15 3	1,63,006 15 10
IX—Mechanical, Total Rs.. ..	25,91,046 5 11	1,02,545 15 3	26,93,592 5 2
X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT.			
COMPLETED WORKS TRANSFERRED FROM—			
XII.—Building Regulations and other measures for Public Safety :— (*Vide* page 62 of the Report for 1932-33)	17,292 2 5	....	17,292 2 5
Golanji Hill Road (Part expenditure booked under VIII.—Roads, etc.) ..	7,48,404 13 4	18,788 14 8	7,67,193 12 0
Hornby Road to Ballard Pier Road ..	1,87,76,542 5 5	5,034 7 3	1,87,81,576 12 8
Dalal Street	3,91,156 8 1	....	3,91,156 8 1
Mahim Park	57,26,649 14 5	*Cr.* 328 2 11	57,26,321 11 6
Mahaluxmi Overbridge	12,96,827 6 10	....	12,96,827 6 10
Plant and Machinery	20,673 0 2	....	20,673 0 2
	2,69,60,254 0 3	23,495 3 0	2,69,83,749 3 3
MAHIM DEVELOPMENT SCHEMES.—			
Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station	4,32,425 5 11	805 13 9	4,33,231 3 8
Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada	7,63,105 12 8	.....	7,63,105 12 8
Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road	18,02,797 0 0	23,717 14 2	18,26,514 14 2
Scheme IV.—Widening and Improving Lady Jamshedji Road	33,28,385 12 7	735 0 0	33,29,120 12 7
Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road	3,10,056 2 0	3,896 1 5	3,13,952 3 5
Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A, B)...	63,485 1 8	....	63,485 1
Scheme VII.—Roads to be constructed in the area south of proposed Road between Matunga and Dadar Station as per Scheme No. VI. (Roads marked B D, C D and D E)	3,97,709 8 8	1,702 11 11	3,99,412 4 7
Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works ..	2,73,792 4 9	1,593 0 9	2,75,385 5 6
Laying mains in Mahim Development Schemes	96,706 11 4	....	96,706 11 4
Diversion of water mains affected by the Mahim Development Works	3,148 14 10	....	3,148 14 10
	74,71,612 10 5	32,450 10 0	75,04,063 4 5
Interest on Capital	70,10,837 10 2	....	70,10,837 10 2
X.—Buildings, Land Acquisition and Management, Total Rs.	4,14,59,996 7 3	55,945 13 0	4,15,15,942 4 3

Appendix No. 8—*concluded.*

	Capital Expenditure upto 31st March 1933.	Expended during the year.	Total Capital Expenditure upto 31st March 1934.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
XI.—FIRE BRIGADE.			
Works completed (*vide* page 64 of the Report for 1932-33)	10,59,485 14 9	....	10,59,485 14 9
XIII.—GARDENS AND OPEN SPACES			
Works completed (*vide* page 62 of the Report for 1932-33)	3,51,237 12 7	....	3,51,237 12 7
Filling in part of Storm Water Reservoir	33,22,574 1 2	*Cr.* 384 0 7	33,22,190 0 7
XIII.—Gardens and Open Spaces, Total Rs.	36,73,811 13 9	*Cr.* 384 0 7	36,73,427 13 2
XIV.—MARKETS AND SLAUGHTER HOUSES			
Works completed (*vide* page 63 of the Report for 1932-33)	76,91,114 15 11	....	76,91,114 15 11
Paving the Open Spaces at the Bandra Slaughter House	43,256 14 8	*Cr.* 8 7 3	43,248 7 5
XIV—Markets and Slaughter Houses, Total Rs. ..	77,34,371 14 7	*Cr.* 8 7 3	77,34,363 7 4
Discount and other charges on the Loans..	2,54,125 10 3	....	2,54,125 10 3
TRUST FUNDS—			
Works completed (*vide* page 63 of the report for 1932 33)	34,30,895 7 6	....	34,30,895 7 6
Construction of a Museum Hall at G. S. M. College, Parel. (Part expenditure booked under Loan Funds)	39,085 1 10	46,862 0 0	85,947 1 10
Purchasing and installing a deep X-Ray Therapy apparatus at K.E.M. Hospital.	62 13 0	25,066 8 6	25,129 5 6
Trust Funds, Total Rs.	34,70,043 6 4	71,928 8 6	35,41,971 14 10
Worn-out Water Mains Renewal Fund.			
Works completed (*vide* page 63 of the Report for 1932-33)	6,52,262 15 9	....	6,52,262 15 9
Works in progress—			
Replacing Water Mains less than 6″ by larger ones in F & G Wards	64,763 2 3	5,339 12 7	70,102 14 10
Replacing 24″ Main through old Government House Compound	7,854 1 7	3,624 9 4	11,478 10 11
Providing Water Mains with S. P. Hydrants in North Footpath of Grant Road from Lamington Road to Sukhlaji Street ..	12,215 4 5	....	12,215 4 5
Providing Water Mains with S. P. Hydrants in the South Footpath of Grant Road from Lamington Road to Sukhlaji Street.	13,871 14 4	736 11 4	14,608 9 8
Replacing 3″ main by 5″ in Roberts Road and Beach Road from Colaba Road to Napier Road	....	8,583 6 3	8,583 6 3
	98,704 6 7	18,284 7 6	1,16,988 14 1
Worn-out Water Mains Renewal Fund, Total Rs. ..	7,50,967 6 4	18,284 7 6	7,69,251 13 10
LAND AND BUILDINGS FUND—			
Lands purchased and buildings erected out of the Municipal Land and Building Fund—			
Works completed (*vide* page 64 of the Report for 1932-33)	43,03,043 6 8	....	43,03,043 6 8
Works executed out of Surplus Cash Balance pending raising of a loan—			
Conversion of insanitary basket privies into water-closets by subsidising house owners	2,50,000 0 0	*Cr.* 2,50,000 0 0	....

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Statement showing (1) *the total amount of Municipal Loans*

—	Amount raised.	Amounts repaid out of cash balances.	Net Amount available for expenditure.	I—General Superintendence, Collection of Revenue.	II—Water Works.
1	2	3	4	5	6
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Total of different Municipal loans raised (as per Annual Report for 1932-1933)	*22,99,63,599 2 3	* 1,06,33,000 0 0	21,93,30,599 2 3		
Advance from Specal Funds in 1933-34	11,50,000 0 0	....	11,50,000 0 0		
Grand Total Rs. ..	23,11,13,599 2 3	1,06,33,000 0 0	22,04,80,599 2 3	13,87,455 11 5	9,39,51,620 11 11
Works executed out of Special Funds and Contributions :—					
(1) Out of Contributions from—					
G. I. P. Railway for removing and relaying 32" Vehar Main South of Kurla				....	3,74,000 0 0
Port Trust for Wari Bunder Road				....	....
Government for Construction of Primary School Buildings				....	....
(2) Out of Premia on Loans				....	2,40,000 0 0
(3) Out of Special Funds :—					
Invested Fund				7,34,326 8 3	....
Nesbit Road Invested Fund				....	....
Road Improvement Fund				....	....
Loan Works Establishment				....	....
Development Fund Receipts				....	1,40,647 12 7
Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children				....	....
				21,21,782 3 8	9,47,06,268 8 6
Deduct—					
Plague Expenditure				....	....
Amounts written off on account of properties not existing				82,305 14 10	....
				20,39,476 4 10	9,47,06,268 8 6

* Inclusive of debentures of Rs. 10 lakhs out of 50 lakhs cancelled as per Standing Committee Resolution No. 9434 of 25th November 1925 and Corporation Resolution No. 1035 of 14th December 1925.

M. R. TAMBE,
Chief Accountant.

No. 9.

raised (2) *the expenditure incurred there-against and* (3) *the invested balances of the Loans on 31st March 1934.*

III—Education, Primary.	V—Public Health.	VI—Medical Relief and Education.	VII—Street Cleansing, Conservancy, Road Watering and Halalkhore Service.	VIII—Roads, Drains and Sewers.	IX—Mechanical.	X—Buildings, Land Acquisition and Management.	XI—Fire Brigade.	XIII—Gardens and open spaces.	XIV—Markets and Slaughter Houses.	Discount and other charges on Loans.	Total amount expended on works upto 31st March 1934.	Balance unexpended on 1st April 1934.
7	8	9	10	11	12	13	14	15	16	17	18	19
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
16,89,007 12 11	34,07,127 10 0	60,41,578 13 8	81,73,250 5 3	6,18,88,544 15 3	26,93,592 5 2	2,85,26,831 12 10	10,59,485 14 9	36,55,557 13 6	77,21,014 10 4	2,54,125 10 3	22,04,49,194 3 3	31,404 15 0
....	....	....	....	....	....	....	....	....	....			
....	....	....	....	1,56,500 0 0	....	....	....	....	....			
5,00,000 0 0	....	....	....	....	....	....	....	....	....			
....	....	....	....	....	....	....	....	....	53,848 11 11			
....	....	....	....	....	....	....	....	....	....			
....	....	....	....	49,844 8 0	....	....	....	....	....			
....	....	....	....	19,000 0 0	....	....	....	....	....	Total Receipts (Col. 4)		Rs. a. p. 22,04,80,599 2 3
....	....	....	....	....	....	....	....	17,869 15 8	....	Total Expenditure (Col. 18) ..		22,04,49,194 3 3
....	....	....	3,02,317 3 8	....	....	1,29,32,110 7 5	....	....	....	Balance		31,404 15 0
....	....	7,00,000 0 0	....	....	....	....	....	....	....			
21,89,007 12 11	34,07,127 10 0	67,41,578 13 8	84,75,567 8 11	6,21,13,889 7 3	26,93,592 5 2	4,15,15,942 4 3	10,59,485 14 9	36,73,427 13 2	77,74,863 6 3			
....	20,00,000 0 0	....	....	....	....	....	....	....	....			
....	3,912 13 0	....	89 0 0	2,92,469 15 0	....	....	....	....	40,499 14 11			
	20,03,912 13 0											
21,89,007 12 11	14,03,214 13 0	67,41,578 13 8	84,75,478 8 11	6,18,21,419 8 3	26,93,592 5 2	4,15,15,942 4 3	10,59,485 14 9	36,73,427 13 2	77,34,363 7 4			

I. H. TAUNTON,
Municipal Commissioner.

ROYAL LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ASIATIC SOCIETY

Appendix No. 10.

SINKING FUND.

STATEMENT showing the Actual Investments on account of the Sinking Fund of different Municipal Loans upto 31st March 1934, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1934.

NAME OF LOAN.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1934 at Compound Interest.
1	2	3	4	5	6	7
6 and 6½ per cent. Municipal Loans (4 per cent. basis).	Rs.			† Rs.		Rs.
50 Lakhs Loan for Sanitary, Drainage, Water, Roads, etc., Works.	50,00,000	23rd Nov. 1920.	1st November 1950 or at the option of the Corporation on or after 1st November 1935.	89,150	1st November 1921.	15,06,987
1st Instalment of 75 Lakhs out of 1½ Crores Loan for Water Works, Roads and Overbridges, Drainage, Sewerage, etc., Works.	75,00,000	5th Nov. 1921.	1st November 1951 or at the option of the Corporation on or after 1st November 1936.	1,33,725	1st November 1922.	20,42,815
160 Lakhs Loan for the Improvement of Water Supply in Bombay.	1,60,00,000	Between 22nd Sept. 1924 and 31st March 1925 (First issue). Between 18th Nov. 1924 and 31st March 1925 (Second issue).	1st December 1954 ..	2,85,280	1st December 1925.	30,59,315
					Total ..	66,09,117
5 and 6 per cent. Municipal Loans (3½ per cent. basis).						
147 Lakhs Tansa Water Works Loan ..	1,47,00,000	Between 5th June 1886 and 24th Dec. 1891.	(a) Between 1st January 1928 and 1st Jan. 1953.	3,40,615	1st January 1893 ..	3,81,095
7 Lakhs Sanitary Works Loan ...	7,00,000	1st Feb. 1888.	1st February 1928 ..	.....	.....	1,500
12 Lakhs Drainage and Water Works Loan.	12,00,000	1st Jan. and 1st July 1888.	1st January 1928 ..	.....	.....	1,500
Rs. 10,08,500 Miscellaneous Works Loan.	10,08,500	Between 1st Nov. 1888 and 1st July 1889.	1st October 1928 ...	....	....	1,500
Rs. 2,48,000 Agripada House Sullage Water Connections Loan.	2,48,000	Between 1st Jan. and 1st July 1890.	1st July 1929 ..	....	.....	1,000
35 Lakhs various Sanitary Works Loan.	35,00,000	Between 25th Sept. 1890 and 1st Jan. 1892.	1st July 1930 ..	....	.....	3,000
10 Lakhs Loan for the Conversion of S. W. Reservoir at Clerk Road into a Public Park.	(A) 10,00,000	2nd July 1920.	1st July 1980 ..	5,089	1st July 1921 ..	84,146
25 Lakhs Loan for the construction of roads, miscellaneous works including Development Works.	25,00,000	1st Jan. 1928...	1st January 1958 ..	48,428	1st January 1929 ..	3,19,988
37 Lakhs Loan (1929-30)	26,21,500	From 19th July 1929 to 1st August 1929.	1st August 1959 ...	50,782	1st August 1930 ...	2,19,032
31-43 Lakhs Loan for the repayment of 40 Lakhs Loan due 19th December 1929.	26,14,000	Do. ...	1st August 1959 or at the option of the Corporation on or after 1st August 1949 on giving three months' notice by public advertisement.	50,637	Do. ...	2,18,409
28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929.	8,45,500	Do. ...	1st August 1959 or at the option of the Corporation on or after 1st August 1954 on giving three months' notice by public advertisement.	16,379	Do ...	70,647
40 Lakhs Loan (1930-31)	40,00,000	From 20th Sept. 1930 to 6th Oct. 1930.	1st September 1960 or at the option of the Corporation on or after 1st September 1950 on giving 3 months' notice by public advertisement.	77,484	1st June 1931 ..	2,47,703
					Total ...	15,49,520
					Carried forward ...	81,58,637

(A)—This amount has been raised from the Western India Turf Club and the debentures issued to Western India Turf Club, Ltd., are to be repurchased by the Municipal Corporation after 20 years from 1st July 1920, the date on which the loan was raised for investment against the Sinking Funds on the Municipal Loans.

(a) Rs.	Repayable on
2,00,000	1-1-1928.
52,91,500	1-1-1933.
22,08,500	1-1-1943.
17,00,000	1-1-1946.
10,00,000	1-1-1948.
43,00,000	1-1-1953.
Rs. 1,47,00,000	

Rs.	2,00,000	*Less*—Repaid on 1st January 1928.
,,	52,54,000	Repaid from 1-1-33 to 31-3-34.
Rs.	54,54,000	
Rs.	92,46,000	

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905 and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

Appendix No. 10—*contd*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated up to 31st March 1934 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.		Rs.
					Brought over ..	81,58,637
4 per cent. Municipal Loans (3½ per cent. basis.)						
23¼ Lakhs Loan for Drainage and other works.	23,25,000	12th and 31st January 1894 and 11th and 15th July 1895.	1st July 1935	27,532	1st July 1896 ..	21,73,270
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works—						
2nd Instalment	5,75,000 raised at 4 per cent.	17th July 1899	1st July 1936	4,762	1st July 1897 ..	5,18,433
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	17th and 18th July 1899.	1st November 1939 ..	29,773	1st November 1900.	19,01,956
19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works.	19,25,000	18th and 19th July 1899 and Sept. 1900.	1st June 1940	22,810	1st June 1901 ..	14,13,417
24¾ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	6 lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd Aug. and 31st Oct. 1901. 4 lakhs between 19th Aug. and 28th Oct. 1902 and 3¾ lakhs on 9th Sept. 1903.	1st June 1943	29,429	1st June 1904 ..	15,53,636
12¾ Lakhs Loan for certain Water Works.	12,75,000	1st Sept. 1904.	1st August 1934 ..	24,010	1st August 1905 ..	12,36,598
30 Lakhs Loan for Buildings, Drainage Works, etc.	30,00,000	1st Nov. 1920.	1st January 1951 ..	58,113	1st January 1922 ..	9,44,565
					Total ..	97,41,875
					Carried forward ..	1,79,00,512

Appendix No. 10—*concld.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated up to 31st March 1934 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.	Brought over ...	Rs. 1,79,00,512
4 per cent. Municipal Loans (3 per cent. basis).						
2nd 24¾ Lakhs Loan for Sewerage Works.	24,75,000	12 lakhs on 3rd Sept. 1905 and 12¾ lakhs on 9th Sept. 1907.	1st August 1946	32,823	1st August 1907 ..	13,62,929
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries.	13,50,000	7th Aug. 1908.	1st May 1938	28,376	1st May 1909 ..	10,63,014
15 Lakhs Loan for Street Improvements	15,00,000	29th July 1909.	1st May 1949	19,893	1st May 1910 ..	7,03,676
30 Lakhs Loan for the acquisition of sites, for the construction of various Overbridges in the City.	30,00,000	29th July 1909 and 10th Aug. 1910.	1st May 1949	40,448	1st November 1910 and subsequent instalments from 1st May 1911 and 1st May 1929.	13,98,791
55 Lakhs Loan for Miscellaneous Works	55,00,000	7th and 10th Aug. and 1st Nov. 1911 and 1st Aug. 1913.	1st June 1942	1,21,632	1st June 1914 ..	33,50,004
70 Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works.	70,00,000	9th Sept. 1913, 22nd July 1914 and 10th April 1915.	¶	78,148	1st June 1915 ..	20,11,895
20 Lakhs Loan for Street Improvements	20,00,000	9th Sept. 1913 and 24th Sept. 1915.	1st May 1955	26,524	1st May 1916 ..	6,38,118
43 Lakhs Loan for Drainage, Water and Miscellaneous Works.	43,00,000	1st Aug. and 24th Sept. 1915.	1st May 1945	90,382	1st May 1916 ..	21,74,436
					Total Rs. ..	1,27,02,863
3½ per cent. Municipal Loans (3½ per cent. basis).						
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works (1st Instalment).	10,00,000 raised at 3½ per cent.	1st Dec. 1896.	1st July 1936	14,508	1st July 1897 and subsequent instalment from 1st July 1929.	8,83,718
					Total Rs. ...	8,83,718
					Grand Total Rs.	3,14,87,093

Name of Fund.	Amount actually invested upto 31st March 1934.				Amount of Interest accrued upto 31st March 1934, collected and invested in 1934-35	Total of Columns 5 and 6.
	Amount of Sinking Fund invested upto 31st March 1933.	Sinking Fund Instalments paid in 1933-34.	Interest accumulations and profit on conversion of securities invested in 1933-34.	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds	2,98,47,474 6 2	17,46,732 0 0	14,03,448 11 10	3,29,97,655 2 0		
Deduct—Withdrawn for repayment of Loans. ...				* 3,38,784 3 0		
Deduct—Excess accumulations transferred to Net Premia Fund.				3,26,58,870 15 0		
Total Sinking Funds ...				35,86,428 12 11		
				2,90,72,442 2 1		
In Public Securities as detailed in Appendix No. 16-A. ...				2,90,71,987 7 8		
In Cash with the Imperial Bank of India.				454 10 5		
Total ...			§	2,90,72,442 2 1	3,74,399 10 9	2,94,46,841 12 10

¶ Rs. 49,40,000 repayable on 1st June 1954.
„ 20,60,000 „ „ 1st June 1974.

Rs. 70,00,000

* The amount met from the Net Premia Fund on account of repayment of Loans representing the difference between the market value and book value of the securities withdrawn from the Sinking Fund is Rs. 30,715-13-0.

§ The market value of the securities on 31st March 1934 is Rs. 3,11,12,238-10-10, as shown in Appendix No. 16-A and after adding the cash balance of Rs. 454-10-5 and the interest accrued upto 31st March 1934 on these securities of Rs. 3,74,399-10-9 the total amount of Sinking Fund is Rs. 3,14,87,093.

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

STATEMENT showing Outstanding Loans due by the Municipality, the interest Outstanding on 1st Imperial Bank of India and in office during that year

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1933.	Amount raised in 1933-34.	Total.	Amount re-paid in 1933-34.
1	2	3	4	5	6	7
	Loans raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt	4 per cent. ..	15,53,917 4 9	....	15,53,917 4 9	A 52,802 2 0
2	The 50 Lakhs Loan for Drainage, Water, Roads and other Works (part of Bombay Development Loan)	6½ per cent. ..	50,00,000 0 0	....	50,00,000 0 0	(a) ....
3	1st Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c.	6½ per cent. ..	75,00,000 0 0	....	75,00,000 0 0	(a) ....
4	2nd Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c.	5½ per cent. (inclusive of IncomeTax.)	40,01,792 13 0	....	40,01,792 13 0	(b) 1,14,768 6 0
		4¾% do.	19,63,802 9 0	....	19,63,802 9 0	(b) 60,977 6 0
5	140 Lakhs Loan for General Supervision, Fire Brigade, &c., purposes	5½% do.	94,09,528 8 0	....	94,09,528 8 0	(b) 2,69,858 15 0
		6% do. upto 30-9-33 and5¼% from 1-10-1933.	20,71,807 1 0	....	20,71,807 1 0	(b) 51,804 9 0
6	65 Lakhs Loan for Tansa Triplication Scheme.	Do. ..	53,70,021 13 0	....	53,70,021 13 0	(b) 1,34,275 11 0
7	2½ Crores Loan for Water Works, General Supervision and Development, &c., purposes.	Do.	89,43,959 5 0	....	89,43,959 5 0	(b) 2,23,639 7 0
			1,11,38,780 5 0	....	1,11,38,780 5 0	B 8,87,851 3 0
8	2 Crores Loan for major Development Works ..	5¾ per cent.	1,08,79,692 12 0	....	1,08,79,692 12 0	(b) 2,58,384 10 0
		upto 30-9-33 and 5% from 1-10-1933.	19,85,400 7 0	....	19,85,400 7 0	B 47,151 8 0
			44,29,361 1 0	....	44,29,361 1 0	(b) 1,00,412 3 0
		Do. ..				
		5½ per cent.				
		Do. ..	35,43,493 15 0	....	35,43,493 15 0	(b) 80,328 13 0
9	150 Lakhs Loan (1925-26)	5 per cent...	26,92,866 6 0	....	26,92,866 6 0	(b) 60,510 11 0
		Do. ..	35,90,484 1 0	....	35,90,484 1 0	(b) 80,681 13 0
		Do. ..	18,33,661 14 0	....	18,33,661 14 0	(b) 38,419 15 0
		Do. ..	18,33,662 0 0	....	18,33,662 0 0	(b) 38,419 14 0
	Total Loans raised from Government		8,77,42,232 2 9	....	8,77,42,232 2 9	25,00,287 2 0
	Loans raised from the Public.					
1	42 Lakhs Loan for payment of the balance of the Government Consolidated Loan	4 per cent. ..	....	....	....	....
2	The Sanitary Works Loan of 1888 (Rs. 7 Lakhs)	5 per cent. ..	1,500 0 0	....	1,500 0 0	....
3	The Tansa Water Works Loan (Rs. 147 Lakhs).	5 per cent. ..	96,13,500 0 0	....	96,13,500 0 0	3,67,500 0 0
4	The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs)	5 per cent. ..	1,500 0 0	....	1,500 0 0	....
5	The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500)	5 per cent. ..	1,500 0 0	....	1,500 0 0	....
6	The Agripada House Sullage Water Connections Loan (Rs. 2,48,000)	5 per cent. ..	1,000 0 0	....	1,000 0 0	....
7	The 35 Lakhs Various Sanitary Works Loan of 1890-91	5 per cent. ..	5,000 0 0	....	5,000 0 0	2,000 0 0
8	The Loan of 23¼ Lakhs for Drainage and other Works	4 per cent. ..	23,25,000 0 0	....	23,25,000 0 0	(a) ....
9	The 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 lakhs)	3½ per cent. ..	15,75,000 0 0	....	15,75,000 0 0	(a) ....
10	Do. do. (2nd instalment of Rs. 5¾ Lakhs..	4 per cent. ..				
	Carried over .. Rs.		1,35,24,000 0 0	....	1,35,24,000 0 0	3,69,500 0 0
	Carried over ... Rs.		8,77,42,232 2 9	....	8,77,42,232 2 9	25,00,287 2 0

A.—The loan is payable on monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B.—These loans are raised for development purposes. The programme of repayment has been approved under Corporation Resolution No. 5253 of 11th September 1928.

C.—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1934. The debentures do not carry any interest from and after the due dates and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

D.—This includes debentures of Rs. 37,500 in respect of 147 Lakhs Loan due on 1st January 1933 which have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1934. The debentures do not carry any interest from and after the due date and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

(b) These loans are repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 30 years. No Sinking Fund has been created for these loans.

(c) Debenture No. 8215 for Rs. 500 due 1st July 1923 was not presented by the holder within six years from the date of maturity and the amount thereof was credited to Revenue as the claim had become time-barred. As the holder claimed the amount in the current year, it was paid out of Revenue. The amount of Rs. 230 represents unpaid interest on this bond.

No. 11.

April 1933 on the different Loans, the amount payable for the year 1933-34, the amount paid by the and the balances outstanding on 31st March 1934.

Balance due on 31st March 1934.	Interest outstanding on 1st April 1933.	Interest payable in 1933-34.	Total Interest due.	Deduct Interest paid by the Imperial Bank of India and in office.	Outstanding Balance on 31st March 1934.	Remarks.
8	9	10	11	12	13	14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
15,01,115 2 9	....	61,199 9 0	61,199 9 0	61,173 14 0	25 11 0	
50,00,000 0 0	....	3,78,364 0 0	3,78,364 0 0	3,75,378 10 0	2,985 6 0	
75,00,000 0 0	....	5,67,545 0 0	5,67,545 0 0	5,63,067 14 0	4,477 2 0	
38,87,024 7 0	....	2,20,098 10 0	2,20,098 10 0	2,20,098 10 0	....	
19,02,825 3 0	....	93,280 10 0	93,280 10 0	93,280 10 0	....	
91,39,669 9 0	....	5,17,524 1 0	5,17,524 1 0	5,17,524 1 0	.....	
20,20,002 8 0	....	1,24,308 6 0	1,24,308 6 0	1,16,603 1 0	7,705 5 0	
52,35,746 2 0	....	3,22,201 5 0	3,22,201 5 0	3,02,229 6 0	19,971 15 0	
87,20,319 14 0	....	12,04,964 4 0	12,04,964 4 0	11,30,273 9 0	74,690 11 0	
1,02,50,929 2 0	....					
1,06,21,308 2 0	....	9,83,357 10 0	9,83,357 10 0	9,35,509 3 0	47,848 7 0	
19,38,248 15 0	....					
43,28,948 14 0	....					
34,63,165 2 0	....	6,92,425 14 0	6,92,425 14 0	6.92,425 14 0	.....	
26,32,355 11 0	....					
35,09,802 4 0	....					
17,95,241 15 0	....					
17,95,242 2 0	....					
8,52,41,945 0 9	....	51,65,269 5 0	51,65,269 5 0	50,07,564 12 0	*1,57,704 9 0	
....	....	(c) 230 0 0	230 0 0	230 0 0	....	
C 1,500 0 0	2,061 3 7	....	2,061 3 7	....	2,061 3 7	
(a) D 92,46,000 0 0	18,493 10 1	4,60,425 0 0	4,78,918 10 1	4,64,402 2 0	14,516 8 1	
C 1,500 0 0	394 7 0	....	394 7 0	....	394 7 0	
C 1,500 0 0	296 15 7	....	296 15 7	....	296 15 7	
C 1,000 0 0	117 14 0	....	117 14 0	....	117 14 0	
C 3,000 0 0	916 14 8	....	916 14 8	25 0 0	891 14 8	
23,25,000 0 0	13,707 8 0	93,000 0 0	1,06,707 8 0	94,508 5 0	12,199 3 0	
15,75,000 0 0	160 0 0	58,000 0 0	58,160 0 0	57,870 0 0	290 0 0	
1,31,54,500 0 0	36,148 8 11	6,11,655 0 0	6,47,803 8 11	6,17,035 7 0	30,768 1 11	
8,52,41,945 0 9	....	51,65,269 5 0	51,65,269 5 0	50,07,564 12 0	*1,57,704 9 0	

* To be treated as savings.

Appendix

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1933.	Amount raised in 1933-34.	Total.	Amount re-paid in 1933-34.
1	2	3	4	5	6	7
	Brought forward Rs. ..		Rs. a. p. 8,77,42,232 2 9	Rs. a. p.	Rs. a. p. 8,77,42,232 2 9	Rs. a. p. 25,00,287 2 0
	Brought forward Rs. ..		1,35,24,000 0 0	....	1,35,24,000 0 0	3,69,500 0 0
	Loans raised from the Public—*contd.*					
11	25 Lakhs Loan for Sewerage, Water and other Sanitary Works	4 per cent. ..	25,00,000 0 0	....	25,00,000 0 0	(a) ....
12	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works	4 per cent. ..	19,25,000 0 0	....	19,25,000 0 0	(a) ....
13	24¾ Lakhs Loan for certain Sewerage and Water Works	4 per cent. ..	24,75,000 0 0	....	24,75,000 0 0	(a) ....
14	12¾ Lakhs Loan for certain Water Works ..	4 per cent. ..	12,75,000 0 0	....	12,75,000 0 0	(a) ....
15	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent. ..	24,75,000 0 0	....	24,75,000 0 0	(a) ....
16	13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries ..	4 per cent. ..	13,50,000 0 0	....	13,50,000 0 0	(a) ....
17	The 15 Lakhs Loan for Street Improvements.	4 per cent. ..	15,00,000 0 0	....	15,00,000 0 0	(a) ....
18	The 30 Lakhs Loan for the acquisition of sites for the construction of Overbridges	4 per cent. ..	30,00,000 0 0	....	30,00,000 0 0	(a) ....
19	The 55 Lakhs Loan for Drainage, Sanitary, Water and other Miscellaneous Works ..	4 per cent. ..	55,00,000 0 0	....	55,00,000 0 0	(a) ....
20	The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ..	4 per cent. ..	70,00,000 0 0	....	70,00,000 0 0	(a) ....
21	The 20 Lakhs Loan for Street Improvements.	4 per cent. ..	20,00,000 0 0	....	20,00,000 0 0	(a) ....
22	The 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works	4 per cent. ..	43,00,000 0 0	....	43,00,000 0 0	(a) ....
23	The 40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of Lands for Street Improvements and for executing Drainage and Water Works	6 per cent. ..	3,000 0 0	....	3,000 0 0	....
24	The 10 Lakhs Loan for the Conversion of the Storm Water Reservoir at Clerk Road into a Public Park	5 per cent. ..	10,00,000 0 0	....	10,00,000 0 0	(a) ....
25	The 30 Lakhs Loan for the construction of Building and Drainage Works and the acquisition of Land for different purposes ..	4 per cent. ..	30,00,000 0 0	....	30,00,000 0 0	(a) ....
26	160 Lakhs Loan for the improvement of the Water Supply in Bombay (First Issue) ..	6 per cent. ..	67,77,000 0 0	....	67,77,000 0 0	(a) ....
27	Do. do. (Second Issue) ..	6 per cent. ..	92,23,000 0 0	....	92,23,000 0 0	(a) ....
28	Rs. 25 Lakhs Loan (1927-28)	5 per cent. ..	25,00,000 0 0	....	25,00,000 0 0	(a) ....
29	Rs. 37 Lakhs Loan (1929-30)	5 per cent. ..	26,21,500 0 0	....	26,21,500 0 0	(a) ....
30	Rs. 31·43 Lakhs Loan for the repayment of Rs. 40 Lakhs Loan due 19th December 1929	5 per cent. ..	26,14,000 0 0	....	26,14,000 0 0	(a) ....
31	Rs. 28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929	5 per cent. ..	8,45,500 0 0	....	8,45,500 0 0	(a) ....
32	Rs. 40 Lakhs Loan (1950-60)	6 per cent. ..	40,00,000 0 0	....	40,00,000 0 0	(a) ....
	Total Loans raised from the Public ..	Rs. ..	8,14,08,000 0 0	....	8,14,08,000 0 0	3,69,500 0 0
	Advances from Special Funds.					
1	Advance from Plant and Machinery Depreciation Fund	5 per cent. ..	8,24,294 0 0	....	8,24,294 0 0	26,991 5 0
2	Advance from Renewal of Road Surfaces Fund	4½ per cent. ..	8,00,000 0 0	....	8,00,000 0 0	25,501 0 0
3	Advance from Plant and Machinery Depreciation Fund	4½ per cent. ..	1,50,000 0 0	....	1,50,000 0 0	4,782 0 0
4	Do. do. do. do. ..	4½ per cent. ..	....	3,50,000 0 0	3,50,000 0 0	....
5	Advance from Municipal Fire and Accident Insurance Fund	4 per cent. ..	....	5,00,000 0 0	5,00,000 0 0	....
6	Advance from Fines Fund	4 per cent. ..	....	3,00,000 0 0	3,00,000 0 0	....
	Total Advances from Special Funds Rs. ..		17,74,294 0 0	11,50,000 0 0	29,24,294 0 0	57,274 5 0
	GRAND TOTAL ..	Rs. ..	17,09,24,526 2 9	11,50,000 0 0	17,20,74,526 2 9	29,27,061 7 0

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

(b) Debentures in respect of this loan have remained unpaid owing to their not having been surrendered for repayment up to 31st March 1934. The debentures do not carry any interest from and after the due date and will be paid when surrendered for repayment by the holders.

M. R. TAMBE,
Chief Accountant.

No. 11—*continued.*

Balance due on 31st March 1934.	Interest outstanding on 1st April 1933.	Interest payable in 1933-34.	Total Interest due.	Deduct Interest paid by the Imperial Bank of India and in Office.	Outstanding Balance on 31st March 1934.	Remarks.
8	9	10	11	12	13	14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
8,52,41,945 0 9	....	51,65,269 5 0	51,65,269 5 0	50,07,564 12 0	*1,57,704 9 0	
1,31,54,500 0 0	36,148 8 11	6,11,655 0 0	6,47,803 8 11	6,17,035 7 0	30,768 1 11	
25,00,000 0 0	1,363 15 0	1,00,000 0 0	1,01,363 15 0	99,853 3 0	1,510 12 0	
19,25,000 0 0	5,764 12 4	77,000 0 0	82,764 12 4	75,007 1 0	7,757 11 4	
24,75,000 0 0	3,015 1 8	99,000 0 0	1,02,015 1 8	97,831 14 0	4,183 3 8	
12,75,000 0 0	2,401 2 4	51,000 0 0	53,401 2 4	50,158 15 0	3,242 3 4	
24,75,000 0 0	930 0 0	99,000 0 0	99,930 0 0	98,556 12 0	1,373 4 0	
13,50,000 0 0	5,638 12 0	54,000 0 0	59,638 12 0	51,657 12 0	7,981 0 0	
15,00,000 0 0	1,617 3 0	60,000 0 0	61,617 3 0	59,155 1 0	2,462 2 0	
30,00,000 0 0	18,920 13 0	1,20,000 0 0	1,38,920 13 0	1,19,028 11 0	19,892 2 0	
55,00,000 0 0	60 0 0	2,20,000 0 0	2,20,060 0 0	2,20,060 0 0	....	
70,00,000 0 0	8,312 15 2	2,80,000 0 0	2,88,312 15 2	2,80,043 0 0	8,269 15 2	
20,00,000 0 0	1,908 2 0	80,000 0 0	81,908 2 0	80,580 0 0	1,328 2 0	
43,00,000 0 0	....	1,72,000 0 0	1,72,000 0 0	1,72,000 0 0	....	
(*b*) 3,000 0 0	1,161 14 2	....	1,161 14 2	....	1,161 14 2	
10,00,000 0 0	....	50,000 0 0	50,000 0 0	50,000 0 0	....	
30,00,000 0 0	....	1,20,000 0 0	1,20,000 0 0	1,20,000 0 0	....	
67,77,000 0 0	17,058 6 0	4,06,620 0 0	4,23,678 6 0	3,92,685 12 0	30,992 10 0	
92,23,000 0 0	25,816 6 0	5,53,380 0 0	5,79,196 6 0	5,39,916 2 0	39,280 4 0	
25,00,000 0 0	....	1,25,000 0 0	1,25,000 0 0	1,25,000 0 0	....	
26,21,500 0 0	6,066 7 11	1,31,075 0 0	1,37,141 7 11	1,26,035 8 0	11,105 15 11	
26,14,000 0 0	15,564 0 0	1,30,700 0 0	1,46,264 0 0	1,33,256 15 0	13,007 1 0	
8,45,500 0 0	2,241 8 0	42,275 0 0	44,516 8 0	40,558 10 0	3,957 14 0	
40,00,000 0 0	13,041 7 7	2,40,000 0 0	2,53,041 7 7	2,35,505 3 10	17,536 3 7 * 0 0 2	
8,10,38,500 0 0	1,67,031 7 1	38,22,705 0 0	39,89,736 7 1	37,83,925 14 10	2,05,810 8 1 * 0 0 2	
7,97,302 11 0	....	41,214 11 0	41,214 11 0	41,214 11 0	....	
7,74,499 0 0	....	58,500 0 0	58,500 0 0	36,000 0 0 6,750 0 0	* 5,264 6 0	
1,45,218 0 0	....					
3,50,000 0 0	....					
5,00,000 0 0	....	33,000 0 0	33,000 0 0	10,485 10 0 8,274 0 0	* 24,726 0 0	
3,00,000 0 0	....					
28,67,019 11 0	....	1,32,714 11 0	1,32,714 11 0	1,02,724 5 0	* 29,990 6 0	
16,91,47,464 11 9	1,67,031 7 1	91,20,689 0 0	92,87,720 7 1	88,94,214 15 10	2,05,810 8 1 * 1,87,694 15 2	

* To be treated as savings.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Water Works

Revenue Account for

INCOME.	Amount.
	Rs. a. p.
Water Tax and other Miscellaneous Water Works Revenue—*vide* details in Appendix No. 3	* 63,17,599 15 11

* This includes Rs. 31,73,017-7-8 being the amount of Water Tax by measurement, realised during 1933-34 as shown in the following Statement :—

Total Rs. .. 63,17,599 15 11

Net Revenue Account

	Rs. a. p.
Surplus brought down	52,60,296 8
Carried forward Rs. ..	52,60,296 8 5

...T showing the quantity of Water by meter supplied under different Sub-heads and the Water Tax by measurement ...tes for the uniform quantity of 1,000 gallons, as required by Corporation Resolution No. 6570 of 15th February 1912.

	1929-30.		1930-31.		1931-32.		1932-33.		1933-34.	
...s. p. 14.	Gallons.	Amount. Rs. a. p. @ As. 14	Gallons.	Amount. Rs. a. p. @ As. 14	Gallons.	Amount. Rs. a. p. @ As. 14	Gallons.	Amount. Rs. a. p. @ As. 14	Gallons.	Amount. Rs. a. p. @ As. 14
13 0	5,96,02,100	47,705 11 0	5,09,33,350	44,566 11 0	4,56,83,700	38,215 0 0	3,37,45,800	29,527 6 0	4,01,01,060	35,088 8 0
10		@ As. 10		@ As. 10		@ As. 10		@ As. 10		@ As. 10
2 0	80,65,31,985	5,15,644 14 0	1,22,19,81,570	7,64,953 9 0	1,41,97,96,325	8,87,397 14 0	1,53,72,68,995	9,61,525 0 0	1,36,50,11,650	8,53,132 10 0
14		@ As. 14		@ As. 14		@ As. 14		@ As. 14		@ As. 14
10 0	2,05,53,800	17,984 8 0	1,68,45,900	14,740 3 0	1,50,55,000	13,173 0 0	1,52,80,650	13,370 10 0	1,64,01,100	14,350 15 0
rates.		@ As. 14		At different rates.		At different rates.		@ As. 14		@ As. 14
5 0	49,25,78,420	3,70,190 5 0	26,48,63,740	2,27,209 4 0	26,95,72,790	2,30,326 6 0	23,24,91,760	2,02,536 14 9	20,07,82,700	1,77,411 0 0
10		@ As. 10		@ As. 1		@ As. 10		@ As. 10		@ As. 10
9 0	21,87,90,185	1,59,649 11 0	70,03,45,475	1,25,273 5 0	21,09,38,550	1,35,857 7 0	22,46,31,410	1,41,574 10 0	20,45,67,400	1,27,854 13 0
s		@ As. 10		@ As. 10		@ As. 10		@ As. 10		@ As. 10
12 0	55,38,16,450	3,00,068 3 0	46,56,02,100	2,89,033 15 0	67,23,99,800	4,20,249 14 0	53,01,38,100	3,31,336 5 0	54,90,49,360	3,43,155 14
14		At different rates.		At different rates.		At different rates.		At different rates.		At different rates.
8 0	1,03,48,09,200	8,90,102 7 0	78,19,87,275	6,29,917 12 0	61,46,37,125	4,84,972 2 0	60,09,09,000	4,53,533 4 0	58,26,00,600	4,32,377 4 0
		@ As. 14		@ As. 14		@ As. 14		@ As. 14		@ As. 14
12 0	54,52,82,800	4,77,122 7 0	47,95,90,285	4,19,641 8 0	46,31,35,429	4,05,243 8 0	42,79,42,100	3,74,449 5 0	43,79,46,000	3,83,202 15 0
rates.		At different rates.		At different rates.		At different rates.		At different rates.		At different rates.
14 0	82,85,88,790	8,60,166 1 9	64,11,55,300	2,17,393 3 5	59,77,33,750	2,10,596 6 0	80,69,35,240	3,27,542 11 0	83,59,82,630	3,39,985 14 0
		At different rates.		At different rates.		At different rates.		At different rates.		At different rates.
14 0	94,78,21,215	4,46,187 2 8	54,92,35,329	3,68,811 0 0	57,64,66,400	3,97,912 10 4	63,30,39,741	4,33,506 2 4	64,41,81,305	4,49,467 10 8
4 0	5,50,83,74,945	35,73,781 6 5	4,67,25,40,224	31,01,734 6 5	4,88,94,18,869	32,23,944 3 4	5,04,23,82,596	32,68,902 4 1	4,87,66,22,895	31,73,017 7 8

...rdance with the Water Rules for the respective years.
...o Annas 12 per 1,000 gallons.
...Annas 10 to Re. 1.

No. 12.

Account.

the year ended 31st March 1934.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Superintendence (⅛th proportion of)	80,027 13 6			
Assessment and Collection Charges (1/16th proportion of) ..	1,42,078 10 4	2,22,106 7 10		
Maintenance of Water Works (*vide* Appendix No. 4) ..	8,30,533 13 1			
New Works (*vide* Appendix No. 4)	4,663 2 7	8,35,196 15 8		
			10,57,303 7 6	
Surplus carried down ..	.....	.....	52,60,296 8 5	63,17,599 15 11
Total Rs. ..	.....	.....	.....	63,17,599 15 11

for the year ended 31st March 1934.

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Interest on Water Works Loans (Debt)—				
Due to Government—				
Vehar Debt	61,173 14 0			
50 Lakhs Loan for Drainage, Water, etc., Works	37,538 0 0			
1½ Crores Loan	6,30,234 15 0			
65 Lakhs Loan for Tansa Triplication Scheme	3,02,229 6 0			
2 Crores Loan for Major Development Works	4,95,043 13 0			
2½ Crores Loan for General Supervision, Water Works, etc.	7,300 0 0			
150 Lakhs Loan 1925-26	5,07,502 10 0	20,41,022 10 0		
Due to the Public—				
12¾ Lakhs Loan	48,341 12 8			
147 Lakhs Tansa Water Works Loan	4,64,402 2 0			
35 Lakhs Various Sanitary Works Loan	.....			
13½ Lakhs Loan	26 12 0			
23¼ Lakhs Drainage and other Works Loan	9,735 13 0			
15¾ Lakhs Sewerage, Wari Bunder, etc., Works Loan	6,330 0 0			
25 Lakhs Sewerage, etc., Works Loan	9,251 15 0			
24¾ Lakhs Sewerage and Water Works Loan	23,955 0 0			
55 Lakhs for Miscellaneous Works	16,103 15 0			
70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works..	2,79,673 0 0			
43 Lakhs for Drainage, Water, Roads and Miscellaneous Works	5,092 8 0			
160 Lakhs for Improvement of water supply in Bombay (First issue) ..	3,92,685 12 0			
Do. do. (Second issue)..	5,39,916 2 0			
25 Lakhs for construction of roads, miscellaneous works	6,851 14 0			
31·43 Lakhs Loan	33,316 0 0			
37 Lakhs Loan	1,989 0 0			
40 Lakhs Loan	7,785 9 10	18,45,457 3 6		
Advances from Special Funds—				
Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund	105 8 0			
Rs. 8 Lakhs advance from Renewal of Road Surfaces Fund	6 0 0			
Rs. 1½ Lakhs advance from Plant and Machinery Depreciation Fund	1 0 0			
Rs. 3½ Lakhs advance from Plant and Machinery Depreciation Fund	2 0 0			
Rs. 5 Lakhs advance from Municipal Fire and Accidents Insurance Fund..	67 0 0	182 8 0		
			38,86,662 5 6	
Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans		8,701 5 2		
Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments		2,496 0 0	11,197 5 2	
Reduction of debt or investment of Sinking Fund of the following Water Works Loans :—				
Vehar Debt		52,802 2 6		
Tansa Water Works Loan of Rs. 147 Lakhs		3,40,615 0 0		
Carried forward Rs. ..		3,93,417 2 0	38,97,859 10 8	

Appendix
Water Works
Net Revenue Account for

		Rs. a. p.
INCOME—*contd.*		
Brought forward Rs. ...		52,60,296 8 5
Deficit—Excess of Expenditure over Income		2,64,416 6 3
Total Rs. ...		55,24,712 14 8

M. R. TAMBE,
Chief Accountant.

No. 12—*contd.*

Account—contd.

the year ended 31st March 1934—*contd.*

EXPENDITURE.—*contd.*	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward Rs.	3,93,417 2 0	38,97,859 10 8	
12¾ Lakhs Loan	23,140 0 0		
23½ Lakhs Loan for Drainage and other Works	2,836 0 0		
15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Works..	2,637 0 0		
25 Lakhs Loan for Sewerage, etc., Works	2,759 0 0		
24¾ Lakhs Loan	7,206 0 0		
13½ „ „	15 0 0		
55 „ „	8,870 0 0		
70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works	78,045 0 0		
43 „ „ for Drainage, Water, Roads and Miscellaneous Works ..	2,676 0 0		
50 „ „ for Drainage, Water, etc., Works	8,915 0 0		
1½ Crores Loan for „ „ „ „	2,22,530 4 0		
65 Lakhs Loan for Tansa Triplication Scheme	1,34,275 11 0		
2 Crores Loan for Major Development Works..	2,11,437 3 0		
160 Lakhs Loan for the improvement of the water-supply in Bombay...	2,85,280 0 0		
2½ Crores Loan for General Supervision, Water Works, etc., purposes..	3,243 0 0		
150 Lakhs Loan 1925-26	2,20,821 8 0		
25 Lakhs Loan 1927-28	2,654 0 0		
31-43 Lakhs Loan	12,659 0 0		
37 Lakhs Loan	800 0 0		
40 Lakhs Loan	2,562 0 0		
8½ Lakhs advance from Plant and Machinery Depreciation Fund ..	70 0 0		
8 Lakhs advance from Renewal of Road Surfaces Fund..	4 0 0		
1½ Lakhs advance from Plant and Machinery Depreciation Fund ..	0 8 0		
		16,26,853 4 0	
		Total Rs. ..	55,24,712 14 8

I. H. TAUNTON,

Municipal Commissioner.

Appendix

WATER WORKS

SCHEDULE OF LIABILITIES AND

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I—DEBT PRINCIPAL.			
Due to Government—			
Government of Bombay on account of Vehar Debt ...	15,01,115 2 9		
50 Lakhs Loan for Drainage, Water, &c., Works... ...	5,00,000 0 0		
1½ Crores do. do.	95,56,440 5 3		
2½ Crores Loan	1,26,463 0 0		
65 Lakhs Loan for Tansa Triplication Scheme	52,35,746 2 0		
2 Crores Loan for Major Development Works... ...	88,92,798 14 0		
150 Lakhs Loan (1925-26)	95,78,151 2 0		
		3,53,90,714 10 0	
Due to the Public—			
Water Works portion of the 7 Lakhs Sanitary Works Loan	304 0 0		
Water Works portion of the 12 Lakhs Drainage and Water Works Loan...	335 0 0		
Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500	173 0 0		
Water Works portion of the 35 Lakhs Various Sanitary Works Loan	901 0 0		
Tansa Water Works Loan of 147 Lakhs	92,46,000 0 0		
Water Works portion of 13⅜ Lakhs Loan	728 6 6		
Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works	2,39,522 5 7		
Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works	1,81,772 5 4		
Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works	2,31,652 1 8		
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works	6,06,035 2 9		
12¾ Lakhs Loan for certain Water Works...	12,28,798 9 4		
Water Works portion of the 55 Lakhs Loan for Miscellaneous Works	4,01,097 12 2		
70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works	69,90,737 0 5		
Water Works portion of 43 Lakhs Loan for Miscellaneous Works	1,27,313 3 6		
40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of lands for Street Improvements and for executing Drainage and Water Works... ...	750 0 0		
160 Lakhs Loan for the improvement of the water-supply in Bombay	1,60,00,000 0 0		
Water Works portion of the 25 Lakhs Loan (1927-28)...	25,059 6 11		
Water Works portion of 31-43 Lakhs Loan	6,53,500 0 0		
Water Works portion of 37 Lakhs Loan	38,619 8 6		
Water Works portion of 40 Lakhs Loan (1928-29) ..	1,32,250 0 0		
		3,61,05,548 14 8	
Advances from Special Funds—			
Rs. 8½ Lakhs Advance	8,426 11 0		
Rs. 11 ,, ,, ...	63,455 0 0		
		71,881 11 0	
			7,15,68,145 3 8
II.—SINKING FUNDS ON MUNICIPAL LOANS (invested as per contra)			1,30,53,662 0 0
III.—SPECIAL FUNDS—			
Worn-out Water Mains Renewal Fund (invested as per contra)		1,57,172 11 2	
Net Premia Fund (invested as per contra) ...		25,14,225 0 0	
			26,71,397 11 2
IV.—CAPITAL ACCOUNT—			
General Reserve being Assets in excess of Liabilities			2,39,07,375 2 8
TOTAL RS. ...			11,12,00,580 1 6

M. R TAMBE,
Chief Accountant.

No. 12A.

ACCOUNT.

ASSETS AT 31ST MARCH 1934.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I. Properties—			
Water Works executed out of Loan, Surplus and Reserve Funds (*vide* Appendix No. 8)—			
Out of Loan and Reserve Funds—			
Ordinary Works	4,47,57,483 10 9		
Tansa Completion Works	4,99,48,784 13 9		
Works executed out of Worn-out Water Mains Renewal Fund	7,69,251 13 10		
		9,54,75,520 6 4	
			9,54,75,520 6 4
II. Investments—			
1. Imperial Bank of India Municipal Loans Sinking Fund Deposit Account—			
Sinking Funds		1,30,53,662 0 0	
2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6)		1,57,172 11 2	
3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6)...		25,14,225 0 0	
			1,57,25,059 11 2
TOTAL Rs. ...			11,12,00,580 1 6

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Markets and Slaughter

Revenue Account for the year

INCOME.	Amount. Rs. a. p.
Income for the year—*Vide* details in Appendix No. 3	11,21,424 9 2
Total Rs. ..	11,21,424 9 2

Net Revenue Account for the year

	Rs. a. p.
Surplus brought down ..	7,69,265 9 9
Total Rs. ...	7,69,265 9 9

M. R. TAMBE,
Chief Accountant.

No. 13.

Houses Account.

ended 31st March 1934.

EXPENDITURE.	Rs. a. p.	Rs. a. p.
General Superintendence (2½ per cent. proportion of)	16,005 9 1	
Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4)—		
Rs. a. p.		
Amount shown under IX.—Mechanical, D—Transport and E-Refrigerator 72,577 2 7		
„ „ „ XIV.—Markets and Slaughter Houses ... 2,62,282 14 1		
	3,34,860 0 8	
New works (*vide* Appendix No. 4)	1,293 5 8	
		3,52,158 15 5
Surplus carried down ...		7,69,265 9 9
Total Rs. ...		11,21,424 9 2

ended 31st March 1934.

Interest on Loans.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Due to Government—			
Rs. 50 Lakhs Loan	52,503 0 0		
„ 1½ Crores „	9,700 2 0		
„ 140 Lakhs „	1,08,803 13 0		
„ 2 Crores „	43,540 0 0		
		2,14,546 15 0	
Due to Public—			
Rs. 25 Lakhs Loan 1927-28	11 12 0		
„ 55 „ „	3,107 9 0		
„ 43 „ „	2,320 0 0		
„ 30 „ „	8,000 0 0		
„ 37 „ „	4,566 0 0		
		18,005 5 0	
Advances from Special Funds—			
Rs. 8½ Loans from Plant and Machinery Depreciation Fund.	105 8 0		
„ 8 „ „ Renewal of Road Surfaces Fund	1,269 0 0		
„ 1½ „ „ Plant and Machinery Depreciation Fund.	238 0 0		
„ 3½ „ „ „ „ „ „	369 10 0		
		1,982 2 0	
			2,34,534 6 0
Commission to the Imperial Bank of India for the payment of interest on the portions of the different Loans...		242 0 0	
Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments		218 8 0	
			460 8 0
Reduction of debt or investment of Sinking Fund.			
Rs. 43 Lakhs Loan		1,219 0 0	
„ 55 „ „		1,718 0 0	
„ 50 „ „		12,469 0 0	
„ 30 „ „		3,874 0 0	
„ 1½ Crores „		3,423 12 0	
„ 140 Lakhs „		55,190 8 0	
„ 25 „ „		5 0 0	
„ 2 Crores „		19,227 0 0	
„ 37 Lakhs „		1,840 0 0	
„ 8½ Lakhs advance from Plant and Machinery Depreciation Fund...		69 0 0	
„ 8 Lakhs advance from Renewal of Road Surfaces Fund		900 0 0	
„ 1½ Lakhs advance from Plant and Machinery Depreciation Fund..		168 0 0	
			1,00,103 4 0
			3,35,098 2 0
Balance—Income in excess of expenditure ...			4,34,167 7 9
Total Rs. ...			7,69,265 9 9

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 14.

Statement of Advance Accounts for 1933-34.

Dr. *Cr.*

Opening Balance on 1st April 1933.	Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Closing Balance on 31st March 1934.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
				Departmental Works.				
1,289 15 0	11,956 5 4	....	13,246 4 4	Water Works	....	12,497 7 0	748 13 4	13,246 4 4
....	10,770 14 0	....	10,770 14 0	Workshops	....	....	10,770 14 0	10,770 14 0
8,761 12 10	3,74,732 1 10	....	3,83,493 14 8	Roads, Buildings and Drainage ..	....	3,57,457 14 8	26,036 0 0	3,83,493 14 8
10,051 11 10	3,97,459 5 2	....	4,07,511 1 0	Total ..	....	3,69,955 5 8	37,555 11 4	4,07,511 1 0
				Private Works.				
....	81 13 0	....	81 13 0	Workshops	....	....	81 13 0	81 13 0
903 11 4	3 5 3	....	907 0 7	Roads and Buildings	....	903 15 7	3 1 0	907 0 7
530 9 1	4 13 0	....	535 6 1	Levelling, Metalling, etc., Private Streets.	....	46 0 0	489 6 1	535 6 1
1,734 14 6	15,202 15 8	....	16,937 14 2	Water Works..	....	13,404 10 9	3,533 3 5	16,937 14 2
18,926 14 2	1,07,898 10 2	....	1,26,825 8 4	Roads, Buildings and Drainage ..	....	1,08,902 8 8	17,922 15 8	1,26,825 8 4
....	740 7 8	....	740 7 8	Government of Bombay for sanitary and Anti-malarial measures in the Back Bay reclamation area.	....	....	740 7 8	740 7 8
				Government of Bombay.				
531 2 3	5,679 8 6	....	6,210 10 9	Working of the Lethal Chamber for the destruction of stray dogs.	....	5,693 12 2	516 14 7	6,210 10 9
920 8 0	1,194 4 0	....	2,114 12 0	Health Department	....	1,120 5 5	994 6 7	2,114 12 0
9,385 4 4	18,785 3 6	....	28,170 7 10	Bombay Port Trust	....	19,425 8 0	8,744 15 10	28,170 7 10
32,932 15 8	1,49,591 0 9	....	1,82,524 0 5	Total ..	....	1,49,496 12 7	33,027 3 10	1,82,524 0 5
42,984 11 6	5,47,050 5 11	....	5,90,035 1 5	Carried forward ..	....	5,19,452 2 3	70,582 15 2	5,90,035 1 5

Appendix No. 14—*continued.*

Statement of Advance Accounts for 1933-34.

Dr. *Cr.*

Opening Balance on 1st April 1933.	Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Closing Balance on 31st March 1934.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
42,984 11 6	5,47,050 5 11	....	5,90,035 1 5	Brought over ..	....	5,19,452 2 3	70,582 15 2	5,90,035 1 5
				Asphalt Plant, Crushers, etc.				
....	1,36,986 9 2	....	1,36,986 9 2	Asphalt Plant	3,703 9 10	1,04,451 10 10	(*a*) 28,831 4 6	1,36,986 9 2
8,860 1 9	43,892 7 7	....	52,752 9 4	Sewri Crushers	....	51,952 2 0	(*b*) 800 7 4	52,752 9 4
300 5 0	65,479 6 3	....	65,779 11 3	Mechanical Transport	....	65,433 13 3	(*c*) 345 14 0	65,779 11 3
40,449 15 2	70,402 3 5	....	1,10,852 2 7	Love Grove Crushers	....	60,471 4 5	(*d*) 50,380 14 2	1,10,852 2 7
49,610 5 11	3,16,760 10 5	....	3,66,371 0 4	Total ..	3,703 9 10	2,82,308 14 6	80,358 8 0	3,66,371 0 4
				Municipal Officers.				
....	2,09,074 7 0	....	2,09,074 7 0	Dishonoured cheques	....	2,09,074 7 0	....	2,09,074 7 0
12,425 9 6	160 0 0	....	12,585 9 6	Standing advance for Contingent Expenses.	....	555 0 0	12,030 9 6	12,585 9 6
6,083 0 0	4,440 0 0	....	10,523 0 0	Motor Cars and motor cycles to officers.	....	4,928 0 0	5,595 0 0	10,523 0 0
125 0 0	280 0 0	....	405 0 0	Cycle advances to subordinates ..	....	280 0 0	125 0 0	405 0 0
18,633 9 6	2,13,954 7 0	....	2,32,588 0 6	Total ..	....	2,14,837 7 0	17,750 9 6	2,32,588 0 6
1,11,228 10 11	10,77,765 7 4	....	11,88,994 2 3	Carried over ..	3,703 9 10	10,16,598 7 9	1,68,692 0 8	11,88,994 2 3

	Rs. a. p.	Rs. a. p.
(*a*) Stock on hand	31,864 13 0	
Outstanding bills	8,540 4 0	
		40,405 1 0
Deduct—Profit for 1933-34 to be adjusted in 1934-1935		11,573 12 6
	Rs.	28,831 4 6
(*b*) Stock on hand	,,	800 7 4

	Rs. a. p.	Rs. a. p.
(*c*) Outstanding bills	131 13 0	
Stores Abstracts for March 1934	214 1 0	
		345 14 0
(*d*) Stock on hand		61,305 2 2
Outstanding bill		0 12 0
	Rs.	61,305 14 2
Less—Amount due on a/c of Royalty up to end of 1930-31 ..		10,925 0 0
Total Rs.		50,380 14 2

Appendix No. 14—*concluded.*

Dr. Statement of Advance Accounts for 1933-34. *Cr.*

Opening Balance on 1st April 1933.	Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Closing Balance on 31st March 1934.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1,11,228 10 11	10,77,765 7 4	....	11,88,994 2 3	Brought over ..	3,703 9 10	10,16,598 7 9	1,68,692 0 8	11,88,994 2 3
2,60,614 2 3	1,72,026 10 9	....	4,32,640 13 0	Miscellaneous Advances	....	3,48,615 0 10	84,025 12 2	4,32,640 13 0
35 10 3	462 3 11	....	497 14 2	Building Certificate forms	....	487 11 0	10 3 2	497 14 2
26 8 7	551 14 5	....	578 7 0	Building Repair certificate forms...	....	568 3 0	10 4 0	578 7 0
3,000 0 0	....	....	3,000 0 0	Chief Auditor and Accountant, B.B. & C. I. Railway Co.	....	3,000 0 0	....	3,000 0 0
5,000 0 0	....	....	5,000 0 0	Do. do. G. I. P. Railway..	....	5,000 0 0	....	5,000 0 0
2,68,676 5 1	1,73,040 13 1	....	4,41,717 2 2	Total ..	....	3,57,670 14 10	84,046 3 4	4,41,717 2 2
200 6 3	16,547 6 6	....	16,747 12 9	Municipal Contractors	....	10,429 4 9	6,318 8 0	16,747 12 9
14,559 9 8	54,783 9 5	....	69,343 3 1	Purchase of Coal	....	52,027 14 6	17,315 4 7	69,343 3 1
5,136 7 0	1,27,614 6 9	....	1,32,750 13 9	„ of Petrol	....	1,25,285 2 9	7,465 11 0	1,32,750 13 9
33,438 5 7	2,73,047 8 0	....	3,06,485 13 7	Municipal Workshops..	....	3,06,485 13 7	....	3,06,485 13 7
4,33,239 12 6	17,22,799 3 1	....	21,56,038 15 7	Grand Total ..	3,703 9 10	18,68,497 10 2	2,83,837 11 7	21,56,038 15 7

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 14-A.

Statement showing advances out of Special Funds during 1933-34.

Dr. *Cr.*

Opening Balance on 1st April 1933.	Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Closing Balance on 31st March 1934.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
....	5,831 8 10	....	5,831 8 10	Charges met out of Municipal Fire and Accident Insurance Fund.	....	5,831 8 10	....	5,831 8 10
....	14,362 6 1	....	14,362 6 1	Charges met out of Fines Fund.	....	14,362 6 1	....	14,362 6 1
....	2,039 0 3	....	2,039 0 3	Charges met out of Garden Fund ..	....	2,039 0 3	....	2,039 0 3
....	1,01,575 10 8	....	1,01,575 10 8	Advance from Plant and Machinery Depreciation Fund for purchase of Machinery, &c. pending adjustment against the provisions for depreciation in subsequent years.	....	45,091 3 8	56,484 7 0	1,01,575 10 8
....	5,00,000 0 0	....	5,00,000 0 0	Advance from Municipal Fire and Accident Insurance Fund for capital works.	....	....	5,00,000 0 0	5,00,000 0 0
....	3,00,000 0 0	....	3,00,000 0 0	Advance from Fines Fund for capital works.	....	....	3,00,000 0 0	3,00,000 0 0
9,74,294 0 0	3,50,000 0 0	....	13,24,294 0 0	Advance from Plant and Machinery Depreciation Fund for capital works.	....	31,773 5 0	12,92,520 11 0	13,24,294 0 0
8,00,000 0 0	....	....	8,00,000 0 0	Advance from Renewal of Road Surfaces Fund for capital works.	....	25,501 0 0	7,74,499 0 0	8,00,000 0 0
1,18,889 14 10	26,809 6 5	....	1,45,699 5 3	Charges met out of Advance from P. and M. Depreciation Fund for levelling, metalling, etc., Private Streets.	....	66,439 12 6	79,259 8 9	1,45,699 5
18,93,183 14 10	13,00,618 0 3	....	31,93,801 15 1	Total ..	....	1,91,038 4 4	30,02,763 10 9	31,93,801 15 1

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 14-B

Statement of Deposit Accounts for 1933-34.

Dr. *Cr.*

Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
83,274 2 8	70,695 4 6	1,53,969 7 2	(*a*) Cash deposits from contractors	94,878 5 10	59,091 1 4	1,53,969 7 2
2,200 0 0	....	2,200 0 0	(*a'*) Cash Deposits from candidates for Election and By-election.	....	2,200 0 0	2,200 0 0
3,08,693 0 8	81,879 0 0	3,90,572 0 8	(*aa*) Cash Deposits from Tenderers	1,13,737 4 8	2,76,834 12 0	3,90,572 0 8
			(*b*) Cash Deposits from private parties received through Departmental Officers.—			
3,16,830 13 10	2,74,630 6 4	5,91,461 4 2	1. City Engineer	2,24,997 5 3	3,66,463 14 11	5,91,461 4 2
34,408 0 0	38,743 13 0	73,151 13 0	2. Hydraulic Engineer	28,709 13 4	44,441 15 8	73,151 13 0
11,85,281 10 9	2,11,608 7 0	13,96,890 1 9	3. Assessor and Collector	3,98,298 5 3	9,98,591 12 6	13,96,890 1 9
9,247 11 4	2,863 15 7	12,111 10 11	4. Executive Health Officer	1,709 3 7	10,402 7 4	12,111 10 11
44,127 11 5	15,744 4 4	59,871 15 9	5. Other Officers..	8,207 13 10	51,664 1 11	59,871 15 9
15,89,895 15 4	5,43,590 14 3	21,33,486 13 7		6,61,922 9 3	14,71,564 4 4	21,33,486 13 7
37,29,087 1 9	3,05,750 8 3	40,34,837 10 0	(*c*) Other Cash Deposits	4,85,022 10 2	35,49,814 15 10	40,34,837 10 0
1,15,301 2 0	76 9 0	1,15,377 11 0	(*d*) Income-tax on behalf of Government through Chief Accountant on Municipal Establishment.	6 10 0	1,15,371 1 0	1,15,377 11 0
1,45,900 0 0	63,400 0 0	2,09,300 0 0	(*e*) Paper Deposits from Tenderers (kept in office) ..	61,800 0 0	1,47,500 0 0	2,09,300 0 0
59,74,351 6 5	10,65,392 4 0	70,39,743 10 5	Carried forward ..	14,17,367 7 11	56,22,376 2 6	70,39,743 10 5

Appendix No. 14-B—*concluded.*

Statement of Deposit Accounts for 1933-34.

Dr. *Cr.*

Debits during 1933-34.	Closing Balance on 31st March 1934.	Total.	Name of Account.	Opening Balance on 1st April 1933.	Credits during 1933-34.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
59,74,351 6 5	10,65,392 4 0	70,39,743 10 5	Brought forward ..	14,17,367 7 11	56,22,376 2 6	70,39,743 10 5
2,72,800 0 0	3,29,240 0 0	6,02,040 0 0	(*f*) Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India.	4,33,800 0 0	1,68,240 0 0	6,02,040 0 0
12,962 0 6	366 0 0	13,328 0 6	(*g*) Court Attachments	72 13 0	13,255 3 6	13,328 0 6
83 7 3	....	83 7 3	(*h*) Stores Department Supervision Charges	24 14 0	58 9 3	83 7 3
459 11 0	....	459 11 0	(*i*) Profit on Sale of Stores	214 0 0	245 11 0	459 11 0
7,392 8 9	....	7,392 8 9	(*j*) Interest realised on Government, etc., Paper lodged by Municipal employees, contractors, etc.	226 14 0	7,165 10 9	7,392 8 9
24,679 0 0	8,150 8 0	32,829 8 0	(*k*) (Government of Bombay) Land conveyance Licenses, through Chief Accountant on Account of License fees, Badges, etc.	5,976 12 0	26,852 12 0	32,829 8 0
16,600 0 0	500 0 0	17,100 0 0	(*l*) Contractors securities held under objection ..	....	17,100 0 0	17,100 0 0
7,56,640 0 0	10,38,000 0 0	17,94,640 0 0	(*m*) Paper Deposits kept in Office	41,300 0 0	17,53,340 0 0	17,94,640 0 0
1,600 0 0	96,800 0 0	98,400 0 0	(*n*) Paper Deposit from Lessees (Impts.)	....	98,400 0 0	98,400 0 0
60,278 1 2	13,72,813 1 3	14 33,091 2 5	(*o*) Deposits in respect of Improvement Schemes ..	....	14,33,091 2 5	14,33,091 2 5
71,27,846 3 1	39,11,261 13 3	1,10,39,108 0 4	Total ..	18,98,982 12 11	91,40,125 3 5	1,10,39,103 0 4

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 14-C.

Statement of Reserve Stock for 1933-34.

Dr. *Cr.*

Opening balance on 1st April 1933.	Debits during 1933-34.	Total.	Name of Account.	Credits during 1933-34.	Closing balance on 31st March 1934.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
2,72,583 5 0	3,42,663 4 3	6,15,246 9 3	General Stores Department	3,87,618 6 5	2,27,628 2 10	6,15,246 9 3
2,47,800 8 3	1,17,840 11 0	3,65,641 3 3	Capital Stores	1,37,397 5 0	2,28,243 14 3	3,65,641 3 3
87,465 9 5	904 0 0	88,369 9 5	Line Suspense Account	2,572 13 0	85,796 12 5	88,369 9 5
43,512 14 4	....	43,512 14 4	Line Suspense Account—Surplus and Obsolete Stores.	....	43,512 14 4	43,512 14 4
2,315 2 11	1,566 8 8	3,881 11 7	Water Works	1,345 14 5	2,535 13 2	3,881 11 7
24,858 11 11	....	24,858 11 11	City Engineer's Department (Purchase of Stores for Works Engineer).	2,552 10 2	22,306 1 9	24,858 11 11
6,78,536 3 10	4,62,974 7 11	11,41,510 11 9	Total ..	5,31,487 1 0	6,10,023 10 9	11,41,510 11 9

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

APPENDIX No. 14-D.

Statement showing 'Interest accrued but not paid' in respect of the following Municipal Loans credited to suspense account pending adjustment in their respective years of repayment, outstanding on 31st March 1934.

Year of adjustment.	Particulars of Loans.	Amount of Interest accrued but not paid outstanding.			Date of Maturity of the Loan.
		Rs.	a.	p.	
1923-24	Rs. 12¾ Lakhs Loan..	8,500	0	0	1-8-1934
,,	,, 23¼ ,, ,, ...	23,250	0	0	1-7-1935
,,	,, 15¾ ,, ,, ...	14,500	0	0	1-7-1936
,,	,, 13½ ,, ,, ...	22,500	0	0	1-5-1938
,,	,, 25 ,, ,, ...	41,666	10	8	1-11-1939
,,	,, 19½ ,, ,, ...	25,666	10	8	1-6-1940
,,	,, 55 ,, ,, ...	73,333	5	4	1-6-1942
1922-23	,, 147 ,, ,, Portion Rs. 22,08,500 ..	55,212	8	0	1-1-1943
1923-24	,, 24¾ ,, ,, ...	33,000	0	0	1-6-1943
,,	,, 43 ,, ,, ...	71,666	10	8	1-5-1945
1922-23	,, 147 ,, ,, Portion Rs. 17,00,000 ..	42,500	0	0	1-1-1946
1923-24	,, 2nd 24¾ ,, ...	16,500	0	0	1-8-1946
1922-23	,, 147 ,, ,, Portion Rs. 10,00,000 ..	25,000	0	0	1-1-1948
1923-24	,, 15 ,, ,, ...	25,000	0	0	1-5-1948
,,	,, 30 ,, ,, (Overbridges)	50,000	0	0	1-5-1949
,,	,, 50 ,, ,, ...	1,48,112	1	4	1-11-1950 or after 1-11-1935
1925-26	,, 30 ,, ,, (Mis. Works)	30,000	0	0	1-1-1951
1923-24	,, 75 ,, ,, Out of 1½ Crores Loan ..	2,22,168	2	0	1-11-1951 or after 1-11-1936
1922-23	,, 147 ,, Loan—Portion Rs. 43,00,000 ..	1,07,500	0	0	1-1-1953
1923-24	,, 70 ,, Loan—Portion Rs. 49,40,000 ..	65,866	10	8	1-6-1954
1924-25	,, 160 ,, ,, ...	3,20,000	0	0	1-12-1954
1923-24	,, 20 ,, ,, ...	33,333	5	4	1-5-1955
1927-28	,, 25 ,, ,, ...	31,250	0	0	1-1-1958
1929-30	,, 37 ,, ,, ...	21,846	0	0	1-8-1959
,,	,, 31-43 ,, ...	21,784	0	0	1-8-1959 or after 1-8-1949
,,	,, 28 ,, ,, ...	7,046	0	0	1-8-1959 or after 1-8-1954
1923-24	,, 70 ,, ,, Portion Rs. 20,60,000 ..	27,466	10	8	1-6-1974
1925-26	,, 10 ,, ,, ...	12,500	0	0	1-7-1980
1932-33	,, 40 ,, ,, ...	80,000	0	0	1-9-1960 or after 1-9-1950
	Total Rs. ..	16,57,168	11	4	

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Statement showing the amounts of the Receipts and Expenditure respectively credited at the credit of the Fund at the close of the

—	Details. Rs. a. p.	Total. Rs. a. p.
Balance on 1st April 1933.		
Receipts—A. Revenue Account ...		8,12,487 15 5
1. General Tax, Indirect Taxation and Mis. Revenue. A. General Tax	1,22,45,281 3 10	
B. Town Duties	14,02,738 1 3	
C. Cotton Import Duty	8,86,189 7 6	
D. Licenses—Land Conveyance, Music, etc., Licenses	2,295 8 0	
E. Liquor Licenses	1,43,750 0 0	
F. Tobacco Duty	2,54,247 7 0	
G. Interest and Profit on Investments of Surplus Loan and other balances	2,21,253 12 9	
H. Miscellaneous	1,69,279 4 3	1,53,25,034 12 7
2. Water Works—Water Tax and other Mis. Water Works Revenue		63,17,599 15 11
3. Education—Primary		7,20,572 12 3
4 Education—Secondary..		8 0 0
5. Public Health Department		83,164 9 8
6. Medical Relief and Education		1,02,318 7 10
7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A. Halalkhore Tax	30,88,964 15 9	
B. Miscellaneous	1,10,993 15 0	31,99,958 14 9
8. Roads, Drains and Sewers—		
A. Wheel Tax and Government Contribution in lieu of Tolls	10,57,392 14 10	
B. Ground Rent	1,06,909 0 7	
C. Miscellaneous	1,25,016 3 6	
D. Interest realized on Donations	1,715 8 0	12,91,033 10 11
9. Mechanical		28,427 11 1
10. Buildings, Land Acquisition and Management—		
A. Sale Proceeds of Surplus Land	12,71,064 15 2	
B. Rent of Buildings	2,49,648 5 9	
C. Ground Rent	78,498 0 9	
D. Miscellaneous	1,67,141 14 11	17,66,353 4 7
11. Fire Brigade—		
A. Fire Tax	5,56,823 10 0	
B. Miscellaneous	9,847 10 3	5,66,671 4 3
12. Licensing and Removal of Encroachments on Public Streets—		
A. Licenses for Dangerous and Offensive Trades ..	1,67,463 1 0	
B. Removal of Encroachments on Public Streets ..	1,34,905 8 0	
C. Miscellaneous	54,170 12 0	3,56,539 5 0
13. Gardens and Open Spaces		51,077 1 0
14. Markets and Slaughter Houses		11,21,424 9 2
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff		27,906 8 3
16. Extraordinary Receipts		4,57,880 0 7
Total Rs. ...		3,14,15,970 15 10
Improvement Schemes Account—General Account—		
I. Rent and other proceeds of properties		49,15,892 1 4
II. Contribution towards Improvement Schemes from the Municipal Corporation		32,84,740 0 3
III. Receipts on account of Tobacco Duty		11,42,752 9 0
IV. Interest and Profit on Investments		3,90,386 2 7
V. Interest on Loan advanced for building purposes ...		.....
VI. Miscellaneous Receipts		2,261 15 5
VII. Contribution from Capital Account on account of proportionate Cost of Management		3,05,657 3 1
VIII. Appropriation from Capital Account to meet deficit in General Account		12,75,352 1 3
Total Rs. ...		1,13,17,042 0 11
Carried over ..	...	4,27,33,013 0 9

and debited to the Municipal Fund during the year 1933-34 and the balance year 1933-34 (*i.e.*, 31st March 1934).

	Details.			Total.			Remarks.
	Rs.	a.	p.	Rs.	a.	p.	
Expenditure A.—Revenue Account—							
I. General Supervision of Collection of Revenue, etc.							
A. General Superintendence	3,77,708	5	7				
B. Collection of Revenue	4,58,593	4	11				
C. Upkeep of Municipal Head Office	23,736	15	1				
D. General Stores	61,293	2	8				
E. Miscellaneous Charges	75,878	2	8				
F. Election Expenses	4,414	8	2				
New Works	.....						
Debt Charges	35,674	0	0				
Proportionate share of General Supervision chargeable to Improvement Schemes Account	*Cr.* 24,999	1	8				
				10,12,301	5	5	
II. Water Works	10,52,640	4	11				
Do. New Works	4,663	2	7				
Do. Debt Charges	55,24,712	14	8				
				65,82,016	6	2	
III. Education—Primary	31,80,443	3	5				
Debt Charges	1,50,844	5	0				
				33,31,287	8	5	
IV. Education—Secondary	.....			50,276	5	4	
V. Public Health Department.							
A. General Supervision	4,92,992	0	8				
B. Epidemics	15,176	15	10				
C. Vaccination	48,722	14	2				
D. Malaria	1,73,506	2	5				
E. Miscellaneous	84,943	1	2				
F. Census	.....						
New Works	1,234	5	0				
Debt Charges	83,046	15	0				
				8,99,623	6	3	
VI. Medical Relief and Education.							
A. Hospitals and Dispensaries—							
(*a*) Infectious Diseases Hospitals	1,66,677	15	3				
(*b*) Maternity Homes	82,122	4	11				
(*c*) Dispensaries for Outpatients	66,357	3	0				
B. Medical and Nursing Assistance, to poor people in their homes	13,782	0	1				
C. Statutory Contribution to Government Medical Institutions	4,14,500	0	0				
D. Grants-in-aid to Public Medical Institutions, &c.	1,31,181	5	3				
E. Anti-Tuberculosis League Dispensary	45,972	10	8				
F. Dispensary for Combating Venereal Diseases	25,002	11	2				
G. King Edward Memorial Hospital	4,94,018	6	5				
H. Gordhandas Sunderdas Medical College	2,12,895	5	4				
New Works	3,494	14	6				
Debt Charges	4,21,914	0	0				
				20,77,918	12		
VII. Street Cleansing and Conservancy, Road Watering and Halalkhore Service.							
A. Street Cleansing and Conservancy	18,29,616	0	0				
B. Transport of Refuse, &c., to Deonar	1,97,834	4	6				
C. Road Watering	30,212	11	6				
D. Halalkhore Service	4,02,351	12	2				
New Works	2,590	11	0				
Debt Charges	4,71,435	15	0				
				29,34,041	6	2	
VIII. Roads, Drains and Sewers.							
A. General	1,47,376	11	1				
B. Maintenance of Roads	10,68,027	2	7				
C. Public Lighting	10,04,049	1	5				
D. Cleansing of Drains and Sewers and Street connections	3,01,426	4	10				
New Works	55,193	14	7				
Debt Charges	33,19,923	4	4				
				58,90,996	6	10	
IX. Mechanical.							
A. Mechanical Engineer's Office Staff	70,086	7	1				
B. Pumping and Compressor Stations and Flood Gates	4,15,433	14	11				
C. Supervision of Factories, Workshops and work places	10,375	11	8				
D. Transport	4,38,968	4	6				
E. Refrigerator	19,471	13	7				
F. Refuse Manipulator at Carnac Road	.....						
G. Oiling and greasing Surplus Machinery	.....						
New Works	40,649	11	0				
Debt Charges	1,67,148	6	0				
				11,62,134	4	9	
X. Buildings, Land Acquisition and Management.							
A. City Engineer's Central Office Establishment	1,11,337	3	11				
B. Inspection and Supervision of Private Buildings	2,04,388	10	8				
C. Architectural	1,07,849	12	6				
D. Land Acquisition and Management	1,26,638	4	6				
E. Proportionate charge on account of Improvement Schemes supervision	3,030	15	0				
New Works	15,650	8	11				
Debt Charges	24,31,788	14	0				
Proportionate share of cost of Establishment and Supervision Chargeable to Improvement Schemes	*Cr.* 53,730	13	10				
				29,46,953	7	2	
XI. Fire Brigade	2,68,593	5	8				
Do. New Works	423	3	0				
Do. Debt Charges	40,070	2	6				
				3,09,086	11	2	
XII. Licensing and removal of Encroachments on Public Streets	1,08,658	12	7				
New Works	262	3	0				
				1,08,920	15	7	
XIII. Gardens and Open Spaces	1,56,776	13	2				
Do. New Works	364	1	4				
Do. Debt Charges	2,40,652	13	0				
				3,97,793	11	6	
XIV. Markets and Slaughter Houses	2,78,288	7	2				
Do. New Works	1,293	5	8				
Do. Debt Charges	3,35,098	2	0				
				6,14,679	14	10	
XV. Contribution to the City Improvement Trust				32,84,740	0	3	
XVI. Provident Fund, Pensions, Gratuities and Compassionate Allowances				9,48,828	12	0	
Carried over				3,25,51,599	6	5	

—	Details.			Total.		
	Rs.	a.	p.	Rs.	a.	p.
Brought forward				4,27,33,013	0	9
A.—Revenue Account, Total Rupees ..				4,27,33,013	0	9
RECEIPTS.—B—CAPITAL ACCOUNT—						
Loan Funds—						
Debt—Principal—						
Advance from Plant and Machinery Depreciation Fund ...	3,50,000	0	0			
Advance from Municipal Fire and Accident Insurance Fund	5,00,000	0	0			
Advance from Fines Fund	3,00,000	0	0			
				11,50,000	0	0
Trust Fund—						
Interest, etc., on investments				1,226	3	5
Advances—						
Capital Stores Account	2,53,097	7	0			
Advance from Surplus Cash Balance for Capital Works ...	2,50,000	0	0			
				5,03,097	7	0
Worn-out Water Main Renewal Fund—						
Interest on Investments				7,724	8	0
Total ...				16,62,948	2	5
Improvement Schemes Account—Capital Account—						
I. Lands comprised in Schedules 'W' and 'X' ...				47,96,418	0	0
II. Sale proceeds from Lands, Buildings, etc.				2,69,65,436	9	8
III. Debt Principal				17,21,67,875	13	0
IV. Special Grants from Government of India				54,00,000	0	0
V. Advances from the Government of India ..				....		
VI. Revenue Surplus				Dr. 1,59,58,370	7	6
Total ...				19,33,71,359	15	2
B— Capital Account, Total Rupees ...				19,50,33,408	1	7

15—*continued.*

—	Details.	Total.	Remarks.
	Rs. a. p.	Rs. a. p.	
Brought forward ...		3,25,51,599 6 5	
Improvement Schemes Account—General Account—			
A. Maintenance of properties and Streets		11,86,699 15 11	
C. Debt Charges		98,22,999 13 11	
E. Proportionate charge on account of cost of Management and Establishment chargeable to Capital Account		3,05,657 3 1	
Miscellaneous		1,685 0 0	
Total ...		1,13,17,042 0 11	
A—Revenue Account, Total Rupees ...		4,38,68,641 7 4	
EXPENDITURE B.—CAPITAL ACCOUNT—			
Loan Funds—			
II. Water Works, ordinary	*Cr. 113 2 6*		
Do. Tansa Triplication	Cr. 10 8 0		
III. Education—Primary	1,974 5 3		
VI. Medical Relief and Education... ..	6,573 14 9		
VII. Street Cleansing, Conservancy, Road Watering and Halalkhore Service ...	3,48,010 1 0		
VIII. Roads, Drains and Sewers	6,32,333 12 2		
IX. Mechanical	1,02,545 15 3		
X. Buildings, Land Acquisition and Management	55,945 13 0		
XIII. Gardens and Open Spaces	Cr. 384 0 7		
XIV. Markets and Slaughter Houses ...	Cr. 8 7 3		
		11,46,867 11 1	
Trust Fund—			
VI. Medical Relief and Education ...	71,928 8 6		
		71,928 8 6	
Advances—			
Capital Stores	2,42,623 4 0		
Advance from Surplus Cash Balance for Capital works	2,50,000 0 0		
		4,92,623 4 0	
Worn-out Water Mains Renewal Fund—			
Expenditure on Works		18,284 7 6	
Total ...		17,29,703 15 1	
Improvement Schemes Account—Capital Account—			
Lands Comprised in Schedules 'W' and 'X'		47,96,418 0 0	
Improvement and Street Schemes ...		18,10,73,770 9 8	
Miscellaneous		23,72,273 7 1	
Total ...		18,82,42,462 0 9	
B—Capital Account, Total Rupees ..		18,99,72,165 15 10	

Appendix

	Details.			Total.		
Receipts C.—Suspense Account.	Rs.	a.	p.	Rs.	a.	p.
Imperial Bank of India and other Local Banks on account of Sundry Deposits				3,84,12,607	1	9
Loan Redemption Fund				29,42,094	10	9
Sinking and Special Funds Accounts				1,17,11,520	10	7
Interest Accrued but not paid						
Provident Fund—Recoveries				16,07,638	5	0
Fines Fund ... Do.				26,033	1	0
Gardens Fund Do.				9,531	6	0
Workshops Recoveries				3,06,485	13	7
Reserve Stores Account				4,00,741	4	6
Purchase Stores Account				3,34,335	0	3
Do. of Petrol				1,25,285	2	9
Do. of Coal				52,027	14	6
Departmental Works				3,69,955	5	8
Private Works				1,49,496	12	7
Sinking Funds (Paper and Cash Account)				58,52,952	9	7
Special Funds (Do. Do.)				53,02,610	3	10
Surplus Funds (Do. Do.)				54,83,309	6	10
Loan Funds (Do. Do.)				14,27,837	8	2
Deposit Account				91,40,125	3	5
Love Grove Crushers				60,471	4	5
Sewri Crushers				51,952	2	0
Mechanical Transport				65,433	13	3
Asphalt Plant				1,04,451	10	10
Municipal Contractors				10,429	4	9
,, Tenderers						
Sundries—Miscellaneous Advances				3,57,670	14	10
Officers—						
(*a*) Dishonoured Cheques	2,09,074	7	0			
(*b*) Standing Advances for Contingent Expenses	555	0	0			
(*c*) Motor Cars and Motor Cycles to Officers	4,928	0	0			
(*d*) Cycle Advances to Subordinates	280	0	0	2,14,837	7	0
Advances—Special Funds				1,96,959	13	6
Interest warrants payable account				46,31,351	14	5
Cash Bills outstanding Account				4,38,921	4	6
Cheques payable				6,82,62,874	12	1
Bank Treasury Account						
Interest Receivable Account				2,133	5	4
Investment on account of conversion of 4 per cent. Loan into 3½ per cent. Loan				4,19,885	4	0
Plant and Machinery				11,183	0	0
Improvement Schemes Fund—						
(*a*) Sinking Fund						
(*b*) Capital Fund				3,45,589	8	2
Improvement Schemes Fund Account—						
(*a*) Sinking Fund Account				1,91,09,981	1	0
Cash in hand in respect of Improvement Schemes				2,074	11	6
Securities from Contractors, Lessees, etc., kept in office				5,100	0	0
Total, C.—Suspense Account Rs.				17,79,45,888	11	7

SUMMARY.

Receipts.				Disbursements.		
Rs.	a.	p.		Rs.	a.	p.
8,12,487	15	5	Balance on 1st April 1933			
4,27,33,013	0	9	A.—Revenue Account	4,38,68,641	7	4
19,50,33,408	1	7	B.—Capital Account	18,99,72,165	15	10
17,79,45,888	11	7	C.—Suspense Account	18,02,74,622	13	1
41,57,12,309	13	11	Total	41,41,15,430	4	3
			*Balance on 31st March 1934	24,09,367	9	1
41,65,24,797	13	4	Total	41,65,24,797	13	4

M. R. TAMBE,
Chief Accountant.

No. 15—*concluded.*

—	Details.			Total.			Remarks.
Expenditure C.—Suspense Account.	Rs.	a.	p.	Rs.	a.	p.	
Imperial Bank of India and other Local Banks on account of Sundry Deposits.	.....			3,93,97,430	15	11	
Sinking and Special Funds Accounts ...	.....			68,48,089	1	6	
Interest accrued but not paid	.....			.....			
Provident Fund	.....			16,07,638	5	0	
Fines Fund	.....			26,033	1	0	
Gardens Fund	.....			9,531	6	0	
Workshops	.....			2,73,047	8	0	
Reserve Stores Account	.....			3,51,038	7	5	
Purchase Stores Account	.....			3,77,571	15	11	
Purchase of Petrol	.....			1,27,614	6	9	
Purchase of Coal	.....			54,783	9	5	
Departmental Works	.....			3,97,459	5	2	
Private Works	.....			1,49,591	0	9	
Sinking Funds	.....			50,77,920	5	6	
Special Funds	.....			80,08,275	13	7	
Surplus Funds	.....			58,67,006	5	0	
Loan Funds	.....			13,60,267	8	0	
Debt—Principal—Repayment of Loans	.....			29,27,061	7	0	
Plant and Machinery	.....			57,100	3	11	
Deposit Account	.....			71,27,846	3	1	
Love Grove Crushers	.....			70,402	3	5	
Sewri Crushers	.....			43,892	7	7	
Mechanical Transport	.....			65,479	6	3	
Asphalt Plant	.....			1,36,986	9	2	
Municipal Contractors	.....			16,547	6	6	
,, Tenderers	.....			.....			
Sundries—Miscellaneous Advances ...	.....			1,73,040	13	1	
Officers—							
(*a*) Dishonoured Cheques	2,09,074	7	0	.....			
(*b*) Standing Advances for Contingent Expenses	160	0	0	.....			
(*c*) Motor Cars and Motor Cycles to Officers	4,440	0	0	.....			
(*d*) Cycle Advances to Subordinates.	280	0	0	2,13,954	7	0	
Advances—Special Funds	.....			13,06,539	9	5	
Interest warrants payable account ...	.....			46,37,082	9	5	
Cash Bills Outstanding Account ...	.....			4,37,420	5	1	
Cheques payable	.....			6,80,34,377	6	2	
Bank Treasury Account	.....			.....			
Interest Receivable account	.....			.....			
Investment on account of conversion of 4 per cent. Loan into 3½ per cent. Loan	.....			4,19,885	4	0	
Improvement Schemes Fund—							
(*a*) Sinking Fund	.....			1,91,09,981	1	0	
(*b*) Capital Fund	.....			54,89,520	9	7	
Interest on Bombay Improvement Trust Loans Payable Account	.....			67,030	15	0	
Cash in hand in respect of Improvement Schemes	.....			2,074	11	6	
Securities from contractors, lessees, etc., kept in office	.....			5,100	0	0	
Total C.—Suspense Account Rs. ...	.....			18,02,74,622	13	1	

Bank's reconciliation:—				Rs.	a.	p.
*Balance as per Bank's Pass Book				9,96,617	2	2
Add—						
Revenue sent to the Bank on 29th March 1934 but acknowledged on 3rd April 1934				2,08,759	15	9
				12,05,377	1	11
Less—						
Uncashed Cheques				7,123	4	9
Balance in Bank as per Day Book (Column No. 10)				11,98,253	13	2
,, ,, Office in Government Promissory Notes, etc.	Rs.	12,01,500	0 0			
Balance in Office in Cash ...		9,613	11 11	12,11,113	11	11
				Rs. 24,09,367	9	1

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1934 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate. per cent.	Actual cost at Purchase rate.	Estimated Market rates.	Value at Market rates.
		Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Municipal Fire and Accident Insurance Fund.	3½ per cent. Government Promissory Notes	9,100	60 0 0	5,460 0 0	86 6 0	8,484 0 0
	Do. do. ...	500	64 15 0	324 11 0		
	3½ per cent. Loan 1947-50 ..	3,500	96 0 0	3,360 0 0	97 9 0	3,414 11 0
	4 per cent. Bombay Improvement Trust Debentures ...	42,200	Par.	42,200 0 0	94 12 0	78,547 12 0
	Do do. ..	10,000	89 0 0	8,900 0 0		
	Do. do. ..	7,200	88 0 0	6,336 0 0		
	Do. do. ...	23,500	84 8 0	19,857 8 0		
	4 per cent. Loan 1960-70 ...	49,500	94 4 0	46,653 12 0	102 15 0	1,50,082 14 0
	Do. do. ...	89,500	92 8 0	82,787 8 0		
	Do. do. ...	6,800	88 0 0	5,984 0 0		
	4½ per cent. Bonds 1934 ...	37,200	97 8 0	36,270 0 0	100 10 0	37,432 8 0
	6 per cent. Bombay Improvement Trust Debentures ...	1,900	Par.	1,900 0 0	Par*.	1,900 0 0
	Total Rs. ...	2,80,900		2,60,033 7 0		2,79,861 13 0
Worn-out Water Mains Renewal Fund.	3½ per cent. Government Promissory Notes	47,400	60 0 0	28,440 0 0	88 6 0	41,889 12 0
	3½ per cent. Loan 1947-50 ...	3,000	96 0 0	2,880 0 0	97 9 0	2,926 14 0
	4 per cent. Bombay Improvement Trust Debentures ...	1,700	Par.	1,700 0 0	94 12 0	1,610 12 0
	4 per cent. Loan 1960-70 ...	15,900	94 4 0	14,985 12 0	102 15 0	1,31,245 5 0
	Do. do. ...	1,10,500	92 8 0	1,02,212 8 0		
	Do. do. ..	1,100	88 0 0	968 0 0		
	4½ per cent. Bonds 1934 ..	5,800	97 8 0	5,655 0 0	100 10 0	5,836 4 0
	Total Rs. ...	1,85,400		1,56,841 4 0		1,83,508 15 0
Net Premia Fund ...	3 per cent. Government Promissory Notes	900	48 0 0	432 0 0	75 12 0	681 12 0
	3½ Do. do. ...	46,000	60 0 0	27,600 0 0	88 6 0	41,536 4 0
	Do. do. ...	1,000	62 10 0	626 4 0		
	4 per cent. Bombay Improvement Trust Debentures ...	4,500	Par.	4,500 0 0	94 12 0	4,263 12 0
	4 per cent. Loan 1960-70 ...	17,800	Par.	17,800 0 0	102 15 0	34,22,671 14 0
	Do. do. ...	18,98,300	88 0 0	16,70,504 0 0		
	Do. do. ...	10,800	92 8 0	9,990 0 0		
	Do. do. ...	31,800	88 6 0	28,103 4 0		
	Do. do. ...	13,66,300	87 10 0	11,97,220 6 0		
	4½ per cent. Bonds 1934 ...	2,84,900	97 8 0	2,77,777 8 0	100 10 0	2,86,680 10 0
	5 per cent. Ten Year Bonds 1935	16,500	96 0 0	15,840 0 0	103 0 0	16,995 0 0
	Total Rs ...	36,78,800		32,50,393 6 0		37,72,829 4 0
Provident Fund ...	3½ per cent. Government Promissory Notes	13,71,100	60 0 0	8,22,660 0 0	88 6 0	14,73,476 6 0
	Do. do. ...	10,000	68 11 0	6,868 12 0		
	Do. do. ...	1,57,000	75 10 0	1,18,731 4 0		
	Do. do. ...	1,29,200	75 14 6	98,070 14 0		
	4 per cent. Loan 1960-70 ...	1,23,300	94 4 0	1,16,210 4 0	102 15 0	26,66,184 3 0
	Do. do. ...	16,79,200	92 8 0	15,53,260 0 0		
	Do. do. ...	47,500	88 6 0	41,978 2 0		
	Do. do. ...	2,14,200	88 0 0	1,88,496 0 0		
	Do. do. ...	5,25,900	87 10 0	4,60,819 14 0		
	3½ per cent. Loan 1947-50 ...	1,89,600	96 0 0	1,82,016 0 0	97 9 0	1,84,978 8 0
	4½ per cent. Bonds 1934 ...	13,34,200	97 8 0	13,00,845 0 0	100 10 0	13,42,538 12 0
	5 per cent. Loan 1940-43 .	8,97,600	98 0 0	8,79,648 0 0	107 14 0	9,68,286 0 0
	5 per cent. Ten Year Bonds 1935	2,21,000	96 0 0	2,12,160 0 0	103 0 0	10,13,005 0 0
	Do. do. ...	7,62,500	101 0 0	7,70,125 0 0		
	6 per cent. Municipal Debentures	8,64,500	99 3 9	8,57,881 2 9	118 8 0	10,24,432 8 0
	6 per cent. Bombay Improvement Trust Debentures ...	1,91,000	Different rates.	1,92,531 4 0	Par.*	1,91,000 0 0
	5 Do. do. ...	6,18,500	Do.	5,65,335 0 0	106 0 0	6,55,610 0 0
	4 Do. do. ...	1,81,300	Do.	1,40,693 0 0	94 12 0	1,71,781 12 0
	Total Rs. ...	95,17,600		85,08,329 8 9		96,91,293 1 0
	Carried over Rs. ..	1,36,62,700		1,21,75,597 9 9		1,39,27,493 1 0

* 6 per cent. Bombay Improvement Trust Debentures 1935-80 have been valued at par on 4½ per cent. basis as the rate of interest has been reduced from 6 per cent. to 4½ per cent. from 1935-36.

Appendix No. 16—*contd.*

Comparison of Face, Purchase and Market Values at 31st March 1934 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate. per cent.	Actual cost at Purchase rate.	Estimated Market rates.	Value at Market rates.
	Brought forward Rs. ..	Rs. 1,36,62,700		Rs. a. p. 1,21,75,597 9 9	Rs. a. p.	Rs. a. p. 1,39,27,493 1 0
Fines Fund	3½ per cent. Government Promissory Notes	15,700	60 0 0	9,420 0 0	88 6 0	14,316 12 0
	Do. do. ...	500	64 15 0	324 11 0		
	4 per cent. Loan 1960-70 ...	17,200	94 4 0	16,211 0 0	102 15 0	33,763 8 0
	Do. do. ..	15,600	88 0 0	13,728 0 0		
	4½ per cent. Bonds 1934 ...	74,000	97 8 0	72,150 0 0	100 10 0	74,462 8 0
	3½ per cent. Loan 1947-50 ..	12,200	96 0 0	11,712 0 0	97 9 0	11,902 10 0
	4 per cent. Bombay Improvement Trust Debentures ...	66,900	Par.	66,900 0 0	94 12 0	63,387 12 0
	4 per cent. Bombay Port Trust Debentures	300	70 0 0	210 0 0	96 12 0	290 4 0
	Total Rs. ...	2,02,400		1,90,655 11 0		1,98,123 6 0
Plant and Machinery Depreciation Fund.	3½ per cent. Loan 1947-50 ...	2,66,800	96 0 0	2,56,128 0 0	97 9 0	2,60,296 12 0
	4 per cent. Loan 1960-70 ...	46,200	92 8 0	42,735 0 0	102 15 0	1,65,626 7 0
	Do. do. ...	46,000	88 0 0	40,480 0 0		
	Do. do. ...	68,700	87 10 0	60,198 6 0		
	4½ per cent. Bonds 1934 ...	100	97 8 0	97 8 0	100 10 0	100 10 0
	4 per cent. Bombay Improvement Trust Debentures ...	3,97,800	Par.	3,97,800 0 0	94 12 0	3,76,915 8 0
	Total Rs. ..	8,25,600		7,97,438 14 0		8,02,939 5 0
Renewal of Road Surfaces Fund.	3½ per cent. Loan 1947-50 ...	4,20,300	96 0 0	4,03,488 0 0	97 9 0	4,10,055 3 0
	4 per cent. Loan 1960-70 ...	7,100	88 0 0	6,248 0 0	102 15 0	2,45,711 13 0
	Do. do. ...	1,61,500	92 8 0	1,49,387 8 0		
	Do. do. ...	70,100	87 10 0	61,425 2 0		
	Total Rs. ...	6,59,000		6,20,548 10 0		6,55,767 0 0
Gardens Fund	3½ per cent. Loan 1947-50 ...	800	96 0 0	768 0 0	97 9 0	780 8 0
	4 per cent. Loan 1960-70 ...	800	Par.	800 0 0	102 15 0	17,911 2 0
	Do. do. ...	900	94 4 0	848 4 0		
	Do. do. ...	2,400	92 8 0	2,220 0 0		
	Do. do. ...	11,500	88 0 0	10,120 0 0		
	Do. do. ...	1,800	87 10 0	1,577 4 0		
	4½ per cent. Bonds 1934 ...	1,500	97 8 0	1,462 8 0	100 10 0	1,519 6 0
	4 per cent. Bombay Improvement Trust Debentures ...	3,900	Par.	3,900 0 0	94 12 0	3,695 4 0
	Total Rs. ...	23,600		21,696 0 0		23,896 4 0
	Grand Total Rs. ...	1,53,73,300		1,38,05,936 12 9		1,56,08,219 0 0

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner

Appendix No. 16-A.

Comparison of Face, Purchase and Market Values at 31st March 1934 of the different Securities held in the Sinking Funds.

N.B.—Special attention is invited to para. 23 of the Chief Accountant's Report.

Particulars of Securities.	Face value.	Purchase rate per cent.	Book value.	Market rates per cent.	Value at Market rates. (Municipal and Improvement Trust Debentures being valued at par.)
	Rs.		Rs. a. p.		Rs. a. p.
4 per cent. Municipal Debentures.	1,34,20,600	Par.	1,34,20,600 0 0	Par.	1,34,20,600 0 0
4 „ „ „ „ ..	55,900	84½	47,235 8 0		55,900 0 0
4 „ „ „ „ ..	21,500	84¼	18,113 12 0		21,500 0 0
5 „ „ „ „ ..	50,37,000	Par.	50,37,000 0 0		50,37,000 0 0
6 „ „ „ „ ..	1,000	„	1,000 0 0		1,000 0 0
6 „ „ „ „ ..	78,000	99-3-9	77,402 13 0		78,000 0 0
4 per cent. City Improvement Trust Debentures.	20,72,200	84⅛	17,45,828 8 0	Par.	23,20,000 0 0
4 „ „ „ „ ..	1,50,000	84½	1,26,750 0 0		
4 „ „ „ „ ..	97,800	Par.	97,800 0 0		
4 per cent. City Improvement Trust (coupon) Debentures.	3,76,600	84⅛	3,18,227 0 0	Par.	5,00,000 0 0
4 „ „ „ ..	1,23,400	84¼	1,03,964 8 0		
4 per cent. Loan 1960-70 ...	1,79,200	Par.	1,79,200 0 0	$102\frac{14}{16}$	60,38,519 10 0
4 „ „ „ „ ..	30,42,300	75	22,81,725 0 0		
4 „ „ „ „ ..	5,00,000	75-0-6	3,75,156 4 0		
4 „ „ „ „ ..	18,64,400	88	16,40,672 0 0		
4 „ „ „ „ ..	59,600	92½	55,130 0 0		
4 „ „ „ „ ..	2,20,700	88⅜	1,95,043 10 0		
3½ per cent. Loan 1947-50 ..	14,31,400	96	13,74,144 0 0	$97\frac{9}{16}$	22,25,790 14 0
3½ „ „ „ „ ..	2,00,000	$94\frac{13}{16}$	1,89,625 0 0		
3½ „ „ „ „ ..	6,50,000	94-13-6	6,16,484 6 0		
4½ per cent. Loan 1955-60 ...	5,00,000	79¾	3,98,750 0 0	108	5,40,000 0 0
5 per cent. Loan 1940-43 ...	3,52,200	98	3,45,156 0 0	$107\frac{7}{8}$	5,41,748 4 0
5 „ „ „	1,50,000	$106\frac{7}{8}$	1,60,312 8 0		
4 per cent. City Improvement Trust Sterling Loan.	£ 25,000	£ 80 at 1s. 6d.	2,66,666 10 8	Par. at 1s. $6\frac{1}{16}$d.	3,32,179 14 10
Total Rs. ...	3,05,83,800		2,90,71,987 7 8		3,11,12,238 10 10
£ ..	25,000				

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner

Appendix No. 16-B.

Statement showing the amount of and object for which the donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1934.

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
Sir Mangaldas Nathoobhoy	Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi.	3½ per cent. Government Paper, 1879	500	Par	500 0
The Secretary, Tata Memorial	Donation for the maintenance of J. N. Tata Statue ..	3½ „ „ „ 1900-01 ..	1,200	„	1,200 0
The Secretary, Ranade Memorial.. ..	Donation for the maintenance of Ranade Statue..	4 per cent. Bombay Improvement Trust Loan due 1962.	1,000	„	1,200 0
		3½ per cent. Government Paper, 1900-01 ..	200	„	
Mr. P. J. Mistri	Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road.	3½ „ „ „ 1900-01 ..	2,000	„	3,000 0
		3½ „ „ „ 1879	1,000	„	
Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna.	Donation for the maintenance of Sir D. M. Petit Statue ..	4 „ Loan 1960-70	2,400	88 0	2,112 0
Mr. Cassumally Jairajbhoy Peerbhoy ..	Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road.	4 „ Loan 1960-70	5,500	92 8	5,087 8
The Secretary, Montague Memorial Fund.	Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street.	6 „ Municipal Debentures 1950-60 ..	1,200	99 10	1,195 8
		4 „ Loan 1960-70	900	88 0	792 0
Mr. Surajmal Hanmantrai..	Donation for the maintenance of a public fountain at Princess Street.	4 „ „ 1960-70	2,600	92 8	2,405 0
		3½ „ Government Paper	100	60 0	60 0
„ Chaturbhuj Jivandas	Donation for the maintenance of the new Bandstand at Chowpati.	4 „ Government Loan 1960-70 ..	400	88 0	352 0
„ Jamnadas Dwarkadas	Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads.	Do. do.	400	88 0	352 0
Dr. K. E. Dadachanji	Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge.				7,230 0
Mr. D. P. Kothare	Donation for the maintenance of a fountain at Mint Road.				
„ K. D. Dhuru	Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road.	4 per cent. Government Loan 1960-70 ..	15,200	88 0	1,570 0
„ Gokuldas Karsondas Shroff	Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road.	3½ „ „ Paper	100	60 0	452 0
„ Fattechand Revaldas	Donation for the maintenance of a fountain at Narayan Dhuru Street.				1,001 0
„ Hansraj Pragji	Donation for the maintenance of a cattle trough at Clerk Road.				353 0
					2,830 0
		Carried forward ..	34,700		31,692 0

Appendix No. 16-B—*concluded.*

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
		Brought forward ..	34,700		31,692 0
Mr. F. P. Pavri	Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road.	4 per cent. Loan 1960-70	600	88 0	528 0
The Secretary, Dr. Dadabhoy Naoroji Memorial Fund.	Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji.	4 „ „ „	1,400	88 0	1,232 0
Mr. Khimji Madon Bhujpuria	Donation for the upkeep of a water trough on site opposite the Jamshed Mill.				
„ L. R. Tairsee	Balance out of donation received from Mr. L. R. Tairsee for the construction of a cattle trough at the top end corner of Walkeshwar near "Tin Batti."	4 „ „ „	600	88 0	528 0
„ N. P. Wadia	Balance out of donation received for construction of three cattle troughs at Bhoiwada Road, Parel Tank Road and Sewree Cross Road.	„ „ „ „	1,200	88 0	1,056 0
„ F. B. Jeejeebhoy	Balance out of donation received for the construction of a public fountain and water trough at the junction of Suparibag Road and Govt. Gate Road.	„ „ „ „	1,500	88 0	1,320 0
„ Anantrao Vithoba Kowley	Balance out of donation received for the construction of a fountain and cattle trough at the junction of Bhawani Shanker Road and Gokhale Road.	3½ „ Government Paper	1,500	64 15	974 1
„ Ramdas Raghowji Govindji	Balance out of the donation received for the construction of a fountain and Cattle-trough at Cavell Street.	3½ „ „ „	1,700	60 0	1,020 0
„ C. K. Kakade	Balance out of the donation received for the construction of a fountain at Bellasis Road.	4 „ Loan 1960-70	200	88 0	176 0
Hon. Secretary, Lok. Tilak Memorial Committee	Donation for the maintenance of the Statue of Lok. Tilak at Chowpatty Sands.	3½ „ Government Paper	1,400	Par	1,400 0
		Total ..	44,800		39,926 1
Rao Bahadur Ellappa Balaram	Donation for the maintenance of a Charitable Dispensary at Kamathipura.	4 per cent. Bombay Improvement Trust Loan due 1966.	5,000	Par	19,500 0
		4 per cent. Bombay Improvement Trust Loan due 1972.	14,500	„	
Bai Lingoobai, widow of Rajanna Jalooji..	Do. do.	3½ per cent. Government Paper 1854-55 ..	10,700	„	10,700 0
Colaba Free Dispensary	Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary.	4 per cent. Government Loan 1960-70 ..	1,200	87 0	1,051 8
Joint Honorary Secretaries and Treasurers, George V Anti-Tuberculosis League.	Donation for the maintenance of Assets transferred to the Municipality on its taking over the League.	3½ per cent. Government Paper 1900-01 ..	1,000	Par	21,000 0
		4 „ Municipal Debentures due 1954 ..	20,000	„	
Mr. Shapurji Sorabji	Donation in connection with the house in Khetwadi given by him for being used as a Maternity Home.	3½ „ Government Paper 1854-55 ..	5,000	„	10,000 0
		3½ „ „ „ 1879	5,000	„	
Messrs. Little & Co.	Amount representing balance out of the Amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura.	4 „ Loan 1960-70	2,900	88 0	2,552 0
Do.	Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura.	6 „ Municipal Debentures 1950-60 ..	5,000	99 10	4,981 4
		Total ..	70,300		69,784 12
		Grand Total Rs. ..	1,15,100		1,09,710 13

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 16-C.

Statement showing the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1934.

Name of donor.	Object for which the endowment is given.	Particulars of securities.	Face value.	Rate per cent.	Book value.
	Scholarships.		Rs.	Rs. a.	Rs. a.
The Bhawnagar Durbar	"Bhawnagar State Entrance Scholarship" at G. S. M. College.	4 per cent. Government Loan 1960-70	5,900	88 0	5,192 0
Dr. N. A. Purandare	"Savitribai Purandare Prize" at K. E. M. Hospital ..	Do. do.	300	Par.	300 0
Mr. Tulsidas H. Parekh	"Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College.	Do. do.	3,700	88 0	3,256 0
,, Lalji Naranji	"Lalji Naranji Scholaship" at G. S. M.. College	Do. do.	4,500	88 0	3,960 0
,, Chaturbhuj Gordhandas Sunderdas..	"Chaturbhuj Gordhandas Sunderdas Scholarship" and "Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M. College.	Do. do.	9,100	88 0	8,008 0
Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.)	"Awabai Rattanshaw Dadabhoy Scholarship" at G. S. M. College.	Do. do.	3,900	88 0	3,432 0
		3½ per cent. Government Paper 1900-01 ..	200	68 4	136 8
Mr. Jehangir Rattanshaw Dadabhoy ..	"Rattanshaw Dadabhoy Scholarship" at G. S. M. College..	4 per cent. Government Loan 1960-70	3,900	88 0	3,432 0
The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College.	"Bahadurji Memorial Scholarship in Surgery" at G. S. M. College.	Do. do	3,900	88 0	3,432 0
The Trustees of Dr. Choksy's Entertainment Fund.	Donation for endowing a Gold Medal called "Sir Nusserwanji Choksy Memorial Prize Medal" at G. S. M. College.	6 per cent. Municipal Debentures 1950-60 ..	2,000	99 10	1,992 8
		5 per cent. Government Loan 1940-43.. ..	200	99 8	199 0
		4 per cent. Government Loan 1960-70	100	Par.	100 0
H. H. the Maharana Shri Sir Doulatsingji, K.C.I.E., Thakore Saheb of Limbdi.	Donation for awarding a gold medal and a miniature replica of the Challenge Cup.	6 per cent. Municipal Debentures 1950-60 ..	1,800	99 10	1,793 4
Dr. Shirwalkar Memorial Fund Committee.	"Dr. Shirwalkar General Proficiency Scholarship and Medals" at G. S. M. College.	3½ per cent. Government Paper 1900-01 ..	6,000	Par.	6,000 0
		Do. do. ..	3,000	Par.	3,000 0
		4 per cent. Municipal Debentures	2,000	Par.	2,000 0
Mrs. Dhungavri Rangildas Desai ..	Donation for endowing two prizes of Rs. 20 each to the Nurses of the K. E. M. Hospital.	4 per cent. Bombay Port Trust Bonds 1913 ..	1,000	Par.	1,000 0
Dr. E. Moses	"Mrs. Abigail Elijah Moses Prize" at K.E. M. Hospital ..	3½ per cent. Government Paper	500	Par.	500 0
Messrs. Win and Co., Solicitors, on behalf of the executors of the will of the late Mr. Kassamji Ranchhodji Desai.	"Kassamji Ranchhodji Prize" at K. E. M. Hospital ..	4 per cent. Government Loan 1960-70	9,000	88 0	7,920 0
Dr. H. D'sa	Mrs. D'sa Memorial Gold Medal at G. S. M. College ..	4 per cent. Bombay Port Trust Debentures ..	3,000	Par.	3,000 0
		Total ..	64,000	..	58,653 4

Appendix No. 16-C—*concluded.*

Name of donor.	Object for which the endowment is given.	Particulars of securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
	Clothing.				
Messrs. *Ardeshir Hormasji Dinshaw* and Co., on behalf of the Advocate-General.	Donation for the grant of warm clothing to patients discharged from the K. E. M. Hospital out of interest realised on securities.	3½ per cent. Government Paper 1879	10,000	Par.	10,000 0
		Do. do. 1900-01 ..	18,600	Par.	18,600 0
		4 per cent. Government Loan 1960-70	8,000	88 0	7,040 0
		Do. do.	4,800	87 10	4,206 0
		Do. do.	2,000	76 5	1,526 4
		5 per cent. Loan 1939-44..	4,000	79 12	3,190 0
		Total	47,400	..	44,562 4
	Poor Box Charity.				
Mr. Mansukhlal Chaganlal	Donation towards the Poor Box Charity Fund at K. E. M. Hospital.	4 per cent. Government Loan 1960-70	5,700	88 12	5,058 12
.....	Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund (Corporation Resolution No. 13650 of 12th March 1928).	Do. do.	5,800	88 0	5,104 0
		Do. do.	900	79 0	711 0
The Estate Agent, Bombay Improvement Trust on behalf of the staff.	Donation towards the Poor Box Charity Fund	Do. do.	200	88 0	176 0
		Total	12,600	..	11,049 12
		Grand Total	1,24,000		1,14,265 4

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Statement showing the quantity and value of several articles upon which

Duty collected by	Grain and pulse at 6 annas per candy.			Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared.			Wines and Spirits at 4 annas per gallon.		
	Candies.	Farras.	Amount of Duty.	Candies.	Farras.	Amount of Duty.	Gallons.	Pints.	Amount of Duty.
I. Bombay Port Trust. Months.			Rs. a. p.			Rs. a. p.			Rs. a. p.
April 1933	1,16,837	2/3	43,813 14 6	660	5 1/3	185 13 0	26,234	3 1/2	6,558 9 9
May ,, ...	1,70,600	5	63,975 3 9	2,055	4 4/6	578 2 0	18,499	1 1/2	4,624 12 9
June ,, ...	1,46,704	1	55,014 0 9	2,170	5 1/3	610 8 0	19,398	2	4,849 9 0
July ,, ...	1,65,260	1 1/3	61,972 9 0	2,985	5/6	839 9 0	17,025	5	4,256 6 6
August ,, ...	88,446	5	33,167 7 9	3,036	3 5/6	854 0 0	12,516	..	3,129 0 0
September ,, ...	64,288	4 2/3	24,108 3 6	3,964	3 5/6	1,115 0 0	15,174	2	3,793 9 0
October ,, ...	45,109	2	16,915 15 6	3,156	2 6/6	887 11 6	27,117	4	6,779 6 0
November ,, ...	79,965	..	29,986 14 0	3,878	5/6	1,090 11 6	21,131	6 1/2	5,282 15 3
December ,, ...	82,372	6	30,889 12 6	3,185	4 4/6	895 15 0	23,780	7 1/2	5,945 3 9
January 1934	72,655	4 1/3	27,245 13 3	3,202	1 7/6	900 10 0	23,769	1	5,942 4 6
February ,, ...	86,996	1	32,623 8 9	4,558	5 1/3	1,282 2 0	16,043	7 1/2	4,010 15 9
March ,, ...	1,48,532	4	55,699 11 0	5,555	2 2/3	1,562 7 0	15,462	2 1/2	3,865 9 3
Total ..	12,67,768	3	4,75,413 2 3	38,409	6/6	10,802 9 0	2,36,153	3	59,038 5 6
II. G. I. P. Railway.									
April 1933	67,110	6 2/3	25,166 9 0	45	4 4/6	12 13 0	16,398	1 1/6	4,099 8 7
May ,, ...	95,077	6 2/3	35,654 3 0	..	..	..	24	..	6 0 0
June ,, ...	41,274	1 1/3	15,477 13 0	..	5 1/3	0 3 0	51,802	2/6	12,950 8 4
July ,, ...	32,092	2 2/3	12,034 10 0	..	..	..	23,221	4 5/6	5,805 6 5
August ,, ...	27,840	..	10,440 0 0	..	..	..	14	..	3 8 0
September ,, ...	35,622	6 2/3	13,358 9 0	..	..	..	33,798	..	8,449 8 0
October ,, ...	36,029	..	13,510 14 0	..	..	..	445	4	111 6 0
November ,, ...	64,977	5 1/3	24,366 10 0	..	..	..	37,036	7 1/6	9,259 3 7
December ,, ...	44,944	4 1/3	16,854 3 3	..	..	..	92	6	23 3 0
January 1934	38,659	4 2/3	14,497 5 6	..	1 7/6	0 1 0	49,846	7	12,461 11 6
February ,, ...	61,060	2 2/3	22,897 10 0	..	..	..	58	..	14 8 0
March ,, ...	26,059	2 2/3	9,772 4 0	..	1 7/6	0 1 0	40,076	4 2/3	10,019 2 4
Total ..	5,70,748	3 2/3	2,14,030 10 9	46	5 1/3	13 2 0	2,52,814	3 1/2	63,203 9 9
III. B.B. & C.I. Railway.									
April 1933	11,435	1 1/3	4,288 3 0	..	..	..	442	6	110 11 0
May ,, ...	14,470	1 1/3	5,426 5 0	..	..	..	610	..	152 8 0
June ,, ...	13,578	1 1/3	5,091 13 0	..	..	..	1,017	..	254 4 0
July ,, ...	5,552	6 6/6	2,082 5 2	..	..	..	260	..	65 0 0
August ,, ...	7,923	2/3	2,971 2 6	..	..	..	574	..	143 8 0
September ,, ...	9,614	5 1/3	3,605 8 0	..	..	..	410	..	102 8 0
October ,, ...	12,652	5 1/3	4,744 12 0	..	..	..	510	..	127 8 0
November ,, ...	14,675	..	5,503 2 0	..	..	..	410	..	102 8 0
December ,, ...	19,907	2 2/3	7,465 4 0	..	..	..	815	..	203 12 0
January 1934	39,710	..	14,891 4 0	..	..	..	220	4	55 2 0
February ,, ...	17,631	6 2/3	6,611 15 0	..	..	..	610	..	152 8 0
March ,, ...	16,502	2 2/3	6,188 6 0	..	..	..	550	..	137 8 0
Total ..	1,83,653	2 2/6	68,869 15 8	..	..	..	6,429	2	1,607 5 0
Grand Total ..	20,22,170	5/6	7,58,313 12 8	38,455	6 2/6	10,815 11 0	4,95,397	1/2	1,23,849 4 3
Deduct—Refund passed by the Town Duty Officer	8,59,108	..	3,22,165 8 0	78,740	5 1/3	22,145 13 0	24,051	6	6,012 15 0
Net Revenue ..	11,63,062	5/6	4,36,148 4 8	—40,284	7 1/6	—11,330 2 0	4,71,345	2 1/2	1,17,836 5 3

Commission, etc., Charges on General Town Duty collected by—

Month.	Bombay Port Trust.	G. I. P. Railway.	B. B. & C. I. Railway.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
April 1933	4,433 15 11	830 8 6	982 11 6	6,247 3 11
May ,, ...	6,418 11 4	1,393 8 2	....	7,812 3 6
June ,, ...	4,684 11 7	1,003 11 4	378 10 8	6,067 1 7
July ,, ...	3,707 13 0	613 6 8	429 9 7	4,750 13 3
August ,, ...	5,491 0 0	747 11 0	570 7 1	6,809 2 1
September ,, ...	4,292 8 8	618 2 5	398 13 2	5,309 8 3
October ,, ...	3,093 8 5	901 9 3	419 9 2	4,414 10 10
November ,, ...	3,115 7 9	775 2 2	407 5 3	4,297 15 2
December ,, ...	3,673 15 8	1,226 1 3	387 11 3	5,287 12 2
January 1934	5,502 15 0	957 10 3	408 4 4	6,868 13 7
February ,, ...	4,699 3 4	1,200 6 5	577 11 9	6,477 5 6
March ,, ...	2,492 9 11	1,799 10 5 3,327 3 2	873 13 5	8,493 4 11
Total ..	51,606 8 7	15,394 11 0	5,834 11 2	72,835 14 9

M. R. TAMBE,

Chief Accountant.

Town Duty was levied during 1933-34 *under Section* 192 (1) *of the City of Bombay Municipal Act of* 1888.

Beer at 6 pies per gallon.			Sugar at 8 annas per cwt.		Ghee and Vegetable Product at 10 annas per Bombay Maund.			Timber at 2½ per cent. on Market Value.		Firewood at 2 annas per candy.			Sundries.	Total Monthly collections.
Gallons.	Pints.	Amount of Duty.	Cwts. qrs. lbs.	Amount of Duty.	Maunds.	Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies.	Mds.	Amount of Duty.		
		Rs. a. p.		Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.
73,512	..	2,297 4 0	2,67,483 0 0	1,33,741 8 0	23,851	4	14,906 15 0	4,70,314 6 0	11,757 13 9	18,335	..	2,291 14 0	..	2,15,553 12 0
95,504	..	2,984 8 0	1,05,305 1 3½	52,652 10 3	26,588	13½	16,617 11 4	4,58,029 12 8	11,450 11 11	10,761	14	1,345 3 0	..	1,54,228 15 0
87,102	..	2,721 15 0	84,231 1 14	42,115 11 0	9,977	18	6,235 14 6	5,36,385 13 4	13,409 10 4	159	..	19 14 0	..	1,24,977 2 7
91,142	..	2,848 3 0	1,86,441 1 24½	93,220 11 9	8,943	22	5,589 11 6	6,13,196 14 0	15,329 14 9	854	..	106 12 0	..	1,84,163 13 6
84,166	..	2,630 3 0	1,60,726 1 0	80,363 2 0	15,817	32	9,886 2 0	3,55,142 1 4	8,878 8 10	651	..	81 6 0	..	1,38,989 13 7
65,722	..	2,053 13 0	96,737 1 7	48,368 10 6	21,969	19	13,730 14 9	4,68,226 7 4	11,705 10 7	1,041	14	130 3 0	..	1,05,006 0 4
1,19,616	..	3,738 0 0	87,785 0 21	43,892 9 6	23,347	26	14,592 4 6	5,69,602 4 8	14,240 0 11	11,997	..	1,499 10 0	..	1,02,545 9 11
1,29,566	..	4,048 15 0	1,04,302 3 3½	52,151 6 3	25,097	28	15,686 1 0	4,83,754 12 8	12,093 13 11	11,777	14	1,472 3 0	..	1,21,812 15 11
1,07,894	..	3,371 11 0	2,40,872 3 7	1,20,436 6 6	22,099	5	13,811 15 3	4,86,126 7 4	12,153 2 7	10,598	17½	1,324 13 3	..	1,88,828 15 10
83,568	..	2,611 8 0	1,67,625 2 7	83,812 12 6	24,517	16	15,323 6 0	5,95,404 6 0	14,885 1 9	10,884	..	1,360 8 0	..	1,52,082 0 0
79,796	..	2,493 10 0	34,480 1 0	17,240 2 0	21,408	14	13,380 3 6	4,25,608 2 0	10,640 3 3	16,503	14	2,062 15 0	..	83,733 12 3
86,656	..	2,708 0 0	13,726 2 21	6,863 5 6	16,919	28	10,574 13 0	7,35,617 1 4	18,390 6 10	20,220	14	2,527 9 0	..	1,02,191 13 7
11,04,244	..	34,507 10 0	15,49,717 3 24½	7,74,858 15 9	2,40,537	25½	1,50,336 0 4	61,97,408 8 8	1,54,935 3 5	1,13,783	3½	14,222 14 3	..	16,74,114 12 6
..	..	..	18,278 1 14	9,139 3 0	3,615	2	2,259 6 6	2,212 8 0	55 5 0	212	..	26 8 0	..	40,759 5 1
..	..	..	13,589 2 14	6,794 13 0	3,478	¼	2,173 12 1	1,680 0 0	42 0 0	4,447	..	555 14 0	..	45,226 10 1
16	..	0 8 0	8,256 1 14	4,128 3 0	2,286	28	1,429 3 0	920 0 0	23 0 0	106	..	13 4 0	..	34,022 10 4
..	..	..	13,006 3 14	6,503 7 0	3,539	6	2,211 15 6	505 0 0	12 10 0	..	..	..	..	26,568 0 11
204	..	6 6 0	14,166 2 21	7,083 5 6	3,216	..	2,010 0 0	30 0 0	0 12 0	93	..	11 10 0	..	19,555 9 6
62	..	1 15 0	16,837 2 14	8,418 13 0	2,810	14	1,756 7 6	1,270 0 0	31 12 0	53	..	6 10 0	..	32,023 10 6
..	..	..	19,985 3 0	9,992 14 0	2,227	31	1,392 5 9	257 8 0	6 7 0	..	..	..	..	25,013 14 9
260	..	8 2 0	14,265 0 14	7,132 9 0	4,236	26	2,647 14 6	..	..	318	..	39 12 0	..	43,454 3 1
..	..	..	23,156 1 0	11,578 2 0	5,610	10½	3,506 8 1	1,570 0 0	39 4 0	106	..	13 4 0	..	32,014 8 4
12	..	0 6 0	20,181 1 7	10,090 10 6	6,296	29½	3,935 7 5	2,117 8 0	52 15 0	653	..	81 10 0	..	41,120 2 11
..	..	..	1,44,758 1 21	72,379 3 6	14,698	9	9,186 6 3	1,610 0 0	40 4 0	2,096	14	262 1 0	..	1,04,780 0 9
34	..	1 1 0	1,63,493 1 0	81,746 10 0	4,304	27	2,690 6 9	400 0 0	10 0 0	106	..	13 4 0	..	1,04,252 13 1
588	..	18 6 0	4,69,975 2 21	2,34,987 13 6	56,319	29½	35,199 13 4	12,572 8 0	314 5 0	8,190	14	1,023 13 0	..	5,48,791 9 4
..	..	..	78 1 14	39 3 0	10,313	20	6,445 15 0	10,250 0 0	256 4 0	12,473	..	1,559 2 0	..	12,699 6 0
30	..	0 15 0	196 2 0	98 4 0	11,026	32	6,891 12 0	10,575 0 0	264 6 0	13,621	..	1,702 10 0	..	14,536 12 0
..	..	..	793 1 14	396 11 0	18,087	16	11,304 10 0	8,750 0 0	218 12 0	10,979	..	1,372 6 0	..	18,038 8 0
20	..	0 10 0	331 3 0	165 14 0	16,716	20	10,447 13 0	5,915 0 0	147 14 0	6,737	..	842 2 0	..	13,751 10 2
..	..	..	374 1 0	187 2 0	14,042	28	8,776 11 0	1,470 0 0	36 12 0	10,259	..	1,282 6 0	..	13,397 9 6
..	..	..	1,508 0 0	754 0 0	13,557	..	8,473 2 0	2,675 0 0	66 14 0	9,719	..	1,214 14 0	..	14,216 14 0
..	..	..	37 1 14	18 11 0	10,325	36	6,453 11 0	4,100 0 0	102 8 0	6,582	..	822 12 0	..	12,269 14 0
..	..	..	2,118 0 14	1,059 1 0	10,144	32	6,340 8 0	5,650 0 0	141 4 0	8,508	..	1,063 8 0	..	14,209 15 0
2	..	0 1 0	3,298 2 0	1,649 4 0	12,323	20	7,702 3 0	10,205 0 0	255 2 0	12,791	..	1,598 14 0	..	18,874 8 0
..	..	..	7,552 2 0	3,776 4 0	15,260	4	9,537 9 0	8,300 0 0	207 8 0	10,153	..	1,269 2 0	..	29,736 13 0
..	..	..	73,541 2 14	36,770 13 0	14,772	36	9,233 1 0	8,400 0 0	210 0 0	10,904	..	1,363 0 0	..	54,341 5 0
..	..	..	12,046 1 14	6,023 3 0	13,635	4	8,521 15 0	4,450 0 0	111 4 0	10,570	..	1,321 4 0	..	22,303 8 0
52	..	1 10 0	1,01,876 3 0	50,938 6 0	1,60,206	8	1,00,128 14 0	80,740 0 0	2,018 8 0	1,23,296	..	15,412 0 0	..	2,38,976 10 8
11,04,884	..	34,527 10 0	21,21,570 1 17½	10,60,785 3 3	4,57,063	22⅔	2,85,664 11 8	62,90,721 0 8	1,57,268 0 5	2,45,269	17½	30,658 11 3	..	24,61,883 0 6
1,86,450	..	5,826 9 0	10,97,615 3 14	5,48,807 15 0	58,603	..	36,626 14 0	10,98,725 0 0	27,468 2 0	..	..	..	..	9,69,053 12 0
9,18,434	..	28,701 1 0	10,23,954 2 3½	5,11,977 4 3	3,98,460	22⅔	2,49,037 13 8	51,91,996 0 8	1,29,799 14 5	2,45,269	17½	30,658 11 3	..	14,92,829 4 6

Total Collections of Town Duty for 1933-34:—			Rs. 24,61,883 0 6
Add—			
Outstanding balances on 31st March 1933 due by			
Port Trust	Rs. 4,423 9 9		
G. I. P. Railway	11,218 5 0		
B. B. & C. I. Railway	563 5 0		
		16,205 3 9	
			24,78,088 4 3
Deduct—			
Outstanding balances on 31st March 1934 due by	Rs. a. p.	Rs. a. p.	
Port Trust		9,048 13 6	
G. I. P. Railway	36,481 9 0		
Add—			
Amount adjusted in Municipal Accounts in 1933-34 but shown by the G. I. P. in the Accounts for 1934-35	160 5 0		
		36,641 14 0	
B. B. & C. I. Railway	956 7 0		
Add—			
Amount collected in 1933-34 but paid to the Municipality in 1934-35 ..	438 14 0	1,395 5 0	
		47,086 0 6	
Total amount of commission etc., charges for the Collection of Town Duty deducted at the source		72,835 14 9	
Refunds paid in 1933-34		9,55,428 3 9	
			10,75,350 3 0
		Total Rs.	14,02,738 1 3

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Statement showing Town Duty collected on Cotton and Commission, etc., charges paid

Town Duty on Cotton } collected by	Bombay Port Trust.		G. I. P. Rly.		B. B. & C. I. Rly.	
	No. of Bales.	Amount of Cotton Duty.	No. of Bales.	Amount of Cotton Duty.	No. of Bales.	Amount of Cotton Duty.
Month.		Rs. a. p.		Rs. a. p.		Rs. a. p.
April 1933	1,00,705 15/15	1,00,705 15 0	1,01,278	1,01,278 0 0	119,780	1,19,780 0 0
May ,, ...	66,548	66,548 0 0	89,501	89,501 0 0	84,314	84,314 0 0
June ,, ...	57,443	57,443 0 0	46,422	46,422 0 0	52,880	52,880 0
July ,, ...	51,787	51,787 0 0	34,228	34,228 0 0	23,549	23,549 0 0
August ,, ...	14,753	14,753 0 0	13,704	13,704 0 0	4,400	4,400 0 0
September ,, ...	6,340	6,340 0 0	8,473	8,473 0 0	2,545	2,545 0 0
October ,, ...	4,421	4,421 0 0	11,573	11,573 0 0	3,923	3,923 0 0
November ,, ...	3,709	3,709 0 0	83,672	83,672 0 0	7,855	7,855 0 0
December ,, ...	12,622	12,622 0 0	188,830	1,88,830 0 0	36,216	36,216 0 0
January 1934	28,339	28,339 0 0	264,947	2,64,947 0 0	97,680	97,680 0 0
February ,, ...	26,750	26,750 0 0	177,859	1,77,859 0 0	114,850	1,14,850 0 0
March ,, ...	19,047	19,047 0 0	38,242	38,242 0 0	86,764	86,764 0 0
Total ...	3,92,464 15/15	3,92,464 15 0	10,58,729	10,58,729 0 0	6,34,756	6,34,756 0 0

Commission, etc., charges on Cotton Duty collected by :—

Months.	Bombay Port Trust.	G. I. P. Rly.	B. B. & C. I. Rly.	Sundries.	Grand Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
April 1933	1,498 10 0	2,664 4 5	1,442 10 8	.....	5,605 9 1
May ,, ...	857 4 9	2,776 8 6	4,109 7 5	.....	7,743 4 8
June ,, ...	4,289 8 0	2,060 15 0	3,683 9 2	.....	10,034 0 2
July ,, ...	1,668 12 0	414 14 5	2,656 12 8	122 4 0	4,862 11 1
August ,, ...	1,606 14 3	1,094 11 2	1,733 7 10	28 6 0	4,463 7 3
September ,, ...	469 5 7	480 10 1	702 6 2	6 6 0	1,658 11 10
October ,, ...	191 11 2	284 13 1	173 7 10	201 5 0	851 5 1
November ,, ...	135 2 11	298 8 0	60 0 11	2 11 0	496 6 10
December ,, ...	109 1 9	2,052 10 7	115 5 1	2 15 0	2,280 0 5
January 1934	363 1 5	5,023 3 2	250 5 8	7 0 0	5,643 10 3
February ,, ...	842 0 8	7,972 7 0	869 4 0	14 13 0	9,698 8 8
March ,, ...	821 7 10	5,882 10 3 1,720 14 3	2,486 4 7	14 6 0	10,925 10 11
Total ...	12,853 0 4	32,727 1 11	18,283 2 0	400 2 0	64,263 6 3

M. R. TAMBE,

Chief Accountant.

No. 18.

for the year 1933-34.

Sundries.			Grand Total.							
Rs.	a.	p.	Rs.	a.	p.				Rs.	a.	p.
.....			3,21,763	15	0	Total collections of Cotton Duty for 1933-34			20,85,964	8	0
.....			2,40,363	0	0	*Add*—					
.....			1,56,745	0	0	Outstanding balances on 31st March 1933 due by—					
3	2	0	1,09,567	2	0		Rs.	a. p.			
0	14	0	32,857	14	0	Port Trust	5,436	0 0			
0	14	0	17,358	14	0	G. I. P. Railway	34,591	0 0			
0	15	0	19,917	15	0	B. B. & C. I. Railway	13,470	0 0			
1	2	0	95,237	2	0				53,497	0	0
1	2	0	2,37,669	2	0				21,39,461	8	0
2	5	0	3,90,968	5	0	*Deduct*—					
.....			3,19,459	0	0	Outstanding balances on 31st March 1934 due by—					
4	3	0	1,44,057	3	0		Rs. a. p.	Rs. a. p.			
14	9	0	20,85,964	8	0	Port Trust		742 0 0			
						G.I.P. Railway ...	2,416 0 0				
						Less					
						Amount adjusted in the a/cs for 1933-34 but shown by G. I. P. Railway in the a/cs for 1934-35. ...	160 5 0	2,255 11 0			
						B.B. & C.I. Railway ...		4,425 0 0			
								7,422 11 0			
						Total amount of commission, etc., charges for the collection of Cotton Duty recovered during 1933-34		64,263 6 3	71,686	1	3
									Total Rs. 20,67,775	6	9

	Rs.	a.	p.		Rs.	a.	p.	
Government share paid during 1933-34	10,39,002	1	4		20,67,775	6	9	
Government share for March 1934 paid in April 1934 ...	1,38,000	0	0		×		4	
Government share held in Suspense Account pending remittance on final closing of Accounts for 1933-34 ...	4,583	13	11	7	82,71,101	11	0	
					11,81,585	15	3	Govt. share.
					8,86,189	7	6	Munl. share, *vide* Appendix No. 3.
				Total Rs.	20,67,775	6	9	
	11,81,585	15	3	Govt. share.				

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Income of the Bombay Municipality from the year 1865

Year.	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty		Liquor Licenses.	Tobacco Licenses.
		TAXATION PROPER.									
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.
1865	1,20,14,655	10,57,379	....	....	2,32,698	2,023	5,04,789			1,45,873	....
1866	1,48,94,893	7,16,004	2,93,683	98,417	3,13,330	2,72,665	5,132			46,924	1,20,390
1867	1,63,09,535	9,84,068	4,11,040	1,82,849	2,38,178	2,05,536	.....			1,04,398	1,18,426
1868	1,47,49,075	9,20,587	3,75,607	2,46,071	2,68,514	2,08,820	....			1,20,566	1,36,762
1869	1,39,41,360	7,99,306	2,59,583	2,48,406	2,57,574	1,50,351	3,03,298			2,43,077	1,51,178
1870	1,36,20,885	7,22,783	2,37,643	2,46,994	2,50,581	28,147	5,94,989			1,23,692	1,39,830
1871	1,34,26,845	6,75,489	2,30,409	2,30,256	2,05,521	7,655	4,51,496			1,15,170	1,28,046
1872	1,29,33,510	7,09,953	2,41,774	2,41,348	2,04,097	5,862	4,67,638			69,914	1,47,654
1873	1,26,71,816	7,01,013	2,37,282	2,37,050	2,16,053	87	4,46,921			2,79,074	1,48,792
1874	1,19,65,390	5,94,814	2,29,102	2,27,525	2,48,217	3,908	4,85,649			1,24,507	1,47,779
1875	1,15,55,066	5,52,738	2,20,569	2,16,632	2,45,274	594	6,72,987			1,58,980	1,45,956
1876	1,12,75,710	5,73,458	2,17,684	2,13,094	2,38,487	2,113	6,36,147			1,41,725	1,48,356
1877	1,14,77,690	5,47,541	2,20,061	2,14,670	2,44,369	1,948	7,51,019			85,697	1,49,562
		Consolidated Rate.									
1878	1,15,37,118	....	9,35,084	....	2,14,560	....	6,95,006			1,60,565	1,52,229
1879	1,14,93,417	....	10,52,773	....	2,25,569	3,563	5,33,617			1,43,750	1,65,023
1880	1,17,82,525	....	8,99,634	...	2,31,925	846	6,57,784			1,43,750	1,61,127
1881	1,17,14,470	@8°/₀	10,58,810	....	2,14,670	1,502	6,37,482			1,43,750	1,61,625
					For 15 months, *i.e.*, from 1st January 1882 to 31st March 1883, the calendar year						
1882-83	25,80,263	....	12,34,975	....	4,12,027	....	8,17,199			1,43,750	2,06,014
1883-84	1,45,64,507	@8°/₀	9,83,538	....	2,55,227	3,417	6,67,113			1,79,687	1,74,306
1884-85	1,53,82,744	Do.	11,80,307	...	3,09,552	4,305	7,73,431			1,43,750	1,72,622
1885-86	2,00,25,223	Do.	14,61,305	....	3,32,185	4,525	6,79,293			1,43,750	1,79,177
1886-87	2,16,27,230	@8¼°/₀	14,88,867	....	3,19,561	3,913	10,12,152			1,43,750	1,90,250
1887-88	2,27,92,346	@8°/₀	14,07,013	....	3,36,993	4,050	9,96,750			1,43,750	1,84,168
1888-89	2,39,51,043	Do.	14,66,024	....	3,14,571	45,471	7,25,897			1,43,750	1,91,297
1889-90	2,73,64,359	Do.	15,82,509	....	3,25,616	52,792	6,67,065			1,43,750	1,90,922
890-91	2,82,27,355	Do.	15,64,932	....	3,56,648	60,451	9,79,520			1,43,750	1,80,284
1891-92	2,85,80,023	Do.	17,55,081	....	3,42,973	75,101	8,40,222			1,43,750	1,86,151
1892-93	2,64,03,982	Do.	17,73,501	....	3,44,905	79,376	9,73,928			1,43,750	1,86,703
1893-94	2,69,79,728	Do.	17,49,321	....	3,51,175	85,817	8,97,256			1,43,750	1,86,829
1894-95	2,76,13,741	Do.	17,49,385	....	3,56,082	95,137	8,88,542			1,43,750	2,05,348
1895-96	2,82,56,881	Do.	17,67,000	...	3,65,525	96,335	9,10,851			1,43,750	2,17,475
1896-97	2,89,27,618	Do.	17,45,829	...	2,46,681	74,085	6,45,144			1,43,750	1,82,867
1897-98	2,94,82,805	Do.	19,35,325	....	3,46,838	88,663	9,51,424			1,43,750	1,89,323
1898-99	2,98,53,636	@9°/₀	21,06,995	....	3,39,197	87,754	11,17,161			1,43,750	2,08,544
1899-1900 ..	3,05,17,091	@12°/₀	28,74,389	....	3,02,748	90,346	15,94,721			1,43,750	2,21,338
1900-1901	3,13,75,106	Do.	28,94,971	....	3,21,366	95,702	11,31,371			1,43,750	2,16,939
1901-02	3,18,11,625	@10°/₀	25,72,001	....	3,40,747	92,733	8,62,123			1,43,750	2,33,065
1902-03	3,18,91,400	Do.	25,81,510	....	3,71,013	1,02,070	12,19,346			1,43,750	2,44,092
1903-04	3,44,49,599	Do.	27,64,974	....	3,28,070	1,05,511	11,68,973			1,43,750	2,40,064
1904-05	3,54,15,934	Do.	30,26,572	....	4,19,587	1,03,772	14,16,943			1,43,750	2,60,744

No. 19.

to close of the financial year 1933-34.

	Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	Services Rendered. Halalkhore Tax.	Services Rendered. Water Tax.	Total services rendered.	Miscellaneous. Government contribution for Police and City Improvement Trust.	Miscellaneous. Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years' average annual income.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
....	....	19,42,762	....	1,78,719	1,78,719	....	2,42,306	23,63,787	1865	816,562	2 9 6	
....	....	18,66,545	1,92,852	6,49,121	8,41,973	....	2,06,154	29,14,672	1866	....	3 5 1	
....	....	22,44,905	1,45,824	3,73,006	5,18,830	1,50,000	1,26,789	30,40,524	1867	....	3 6 1	31,12,976
....	....	22,76,927	3,91,454	4,98,377	8,89,831	2,60,129	4,25,787	38,52,674	1868	....	3 14 0	
....	....	24,18,773	2,30,562	3,62,998	5,93,560	1,09,882	2,71,011	33,93,226	1869	....	3 11 0	
....	....	23,44,659	2,13,197	3,66,986	5,80,183	1,09,882	2,73,025	33,07,749	1870	....	3 9 3	
....	....	20,44,042	1,99,986	3,57,578	5,57,564	....	2,69,554	28,71,160	1871	....	3 2 11	
....	....	20,78,240	2,17,071	4,07,835	6,24,906	....	3,45,185	30,48,331	1872	644,405	4 3 1	31,96,534
....	....	20,66,275	2,00,590	4,00,639	6,01,229	....	4,56,604	33,24,108	1873	....	4 7 2	
....	16,519	20,78,020	1,92,235	3,63,087	5,55,322	....	3,47,980	29,81,322	1874	....	4 1 4	
....	14,355	22,28,085	1,94,215	3,00,212	4,94,427	90,000	3,31,014	31,43,526	1875	....	4 3 7	
....	13,922	21,84,986	2,04,077	3,08,377	5,12,454	90,000	3,90,283	31,77,723	1876	....	4 2 11	
....	19,164	22,34,031	2,91,299	3,11,823	5,13,122	90,000	4,04,299	32,41,452	1877	....	4 4 2	
												32,09,805
....	22,573	21,79,968	1,95,380	2,92,780	4,88,160	90,000	3,87,025	31,45,153	1878	....	4 2 2	
....	20,761	21,45,062	2,12,015	3,54,798	5,96,813	90,000	5,09,299	33,41,174	1879	....	4 4 0	
....	23,911	21,18,977	2,03,047	3,90,703	5,93,750	75,000	4,64,173	32,51,870	1880	....	4 6 4	
....	24,059	22,59,094	2,81,805	5,24,819	8,06,624	50,000	7,57,976	38,73,694	1881	773,196	3 15 5	
being changed to the financial year the income was as follows:—												39,37,843
....	32,000	28,45,965	3,28,916	6,70,677	9,99,593	91,125	6,75,575	46,19,240	1882-83	....	4 15 6	
....	24,708	22,87,996	2,43,557	5,47,647	7,91,204	85,672	5,72,400	37,37,272	1883-84	....	3 15 8	
....	25,517	25,33,967	2,89,616	5,96,123	8,85,739	90,000	6,54,162	42,13,868	1884-85	....	4 7 9	
....	29,914	28,30,449	3,16,787	6,65,370	9,82,157	90,000	5,71,367	44,73,973	1885-86	....	4 14 10	
....	29,776	31,88,299	3,18,630	7,74,651	10,93,281	....	6,20,214	49,01,814	1886-87	....	5 8 7	
Fire tax	7,857	31,10,581	3,72,258	8,83,724	12,55,982	....	7,99,967	51,66,530	1887-88	....	5 10 4	49,70,136
@½%	34,708	29,21,718	3,90,039	9,63,804	13,53,843	....	6,90,632	49,66,193	1888-89	....	5 3 5	
....	(a) 79,187	30,41,841	4,73,919	11,23,006	15,96,925	....	7,03,103	53,42,169	1889-90	....	5 15 11	
@⅝%	1,25,345	34,10,930	5,27,222	11,49,198	16,76,420	....	(a) 10,78,551	61,65,901	1890-91	....	6 9 3	
Do	1,64,263	35,07,542	5,55,877	11,81,429	17,37,306	....	9,88,335	62,33,183	1891-92	821,764	6 6 1	
Do.	1,65,838	36,68,001	6,22,200	14,07,081	20,29,281	....	9,75,661	66,72,943	1892-93	....	6 14 11	64,74,819
@½%	1,10,504	35,24,652	5,82,026	13,66,828	18,68,854	....	(b) 13,69,189	67,62,695	1893-94	....	6 9 0	
Do.	1,09,325	35,47,569	6,81,557	13,88,265	20,69,822	....	9,21,981	65,39,372	1894-95	....	6 13 4	
Do.	1,10,437	36,11,373	6,57,812	14,42,895	21,00,707	....	(c) 10,49,630	67,61,710	1895-96	....	6 15 2	
Do.	1,09,138	31,47,494	6,88,486	13,98,410	20,86,896	....	9,74,588	62,08,978	1896-97	....	6 5 10	
Do.	1,20,961	37,76,284	7,35,485	13,29,852	20,65,337	....	(d) 13,03,939	71,45,560	1897-98	....	7 1 8	72,21,595
Do.	1,17,219	41,20,620	7,13,122	15,00,970	22,14,092	....	8,27,199	71,61,911	1898-99	....	7 11 4	
Do.	1,20,127	53,47,419	7,25,264	17,72,967	24,98,231	....	9,84,167	88,29,817	1899-1900	....	9 8 9	
Do.	1,20,647	49,24,736	7,14,440	17,35,635	24,50,075	....	10,28,037	84,02,848	1900-01	....	8 15 7	
Do.	1,27,570	43,71,989	7,88,439	15,47,120	23,35,559	....	10,59,181	77,66,729	1901-02	776,006	8 10 3	
Do.	1,29,049	47,90,830	7,95,984	15,13,976	23,09,960	....	10,74,898	81,75,688	1902-03	....	9 2 4	84,32,800
Do.	1,38,163	49,59,505	8,10,610	15,71,566	23,82,176	....	11,40,944	84,82,625	1903-04	....	9 7 4	
Do.	1,51,302	55,22,670	8,75,194	17,14,453	25,89,647	....	12,23,794	93,36,111	1904-05	....	10 7 3	

(a) Includes Rs. 2,32,544 for arrear recoveries for work done.

(b) Rs. 4,58,699 adjusted on account of premia on loans.

(c) Includes premia of Rs. 97,749 on loan raised.

(d) Includes rebate of Plague expenses amounting to Rs. 4,37,055.

Appendix

TAXATION PROPER.

Year.	Gross Valuation.	House Rate.	Police Rate.	Lighting Rate.	Wheel Tax and Tolls.	Licenses for trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty.	Liquor Licenses.	Tobacco Licenses.
	Rs.	Rs. Consolidated Rate	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
1905-06	3,81,90,177	@8⅝%	27,55,778	....	4,43,343	98,923	11,68,450		1,43,750	2,72,779
1906-07	4,14,48,901	Do.	29,58,345	....	4,42,749	1,03,221	13,34,074		1,43,750	2,65,328
1907-08	4,42,79,940	@8%	29,74,517	....	4,39,892	1,06,284	13,90,203		1,43,750	2,80,355
1908-09	4,68,75,766	Do.	31,47,349	....	4,79,857	1,19,278	12,96,320		1,43,750	2,78,890
1909-10	4,94,44,987	@9⅛%	33,05,816	....	5,01,553	97,754	14,23,491		1,43,750	2,80,614
1910-11	5,20,51,478	@10⅛%	43,61,660	....	4,72,198	99,314	16,86,660	Levied for the first time from 1st January 1921.	1,43,750	2,52,907
1911-12	5,36,02,464	Do.	47,42,693	....	4,69,487	1,13,777	12,47,097		1,43,750	2,78,896
1912-13	5,51,71,773	Do.	47,18,833	....	5,23,522	1,21,773	17,42,131		1,43,750	2,83,526
1913-14	5,79,47,463	@9½%	46,41,022	....	5,61,500	1,29,771	17,30,637		1,43,750	2,91,283
1914-15	5,98,41,390	Do.	48,49,431	....	5,19,818	1,27,640	9,32,310		1,43,750	2,92,036
1915-16	6,34,16,191	Do.	52,31,237	....	5,18,773	1,27,587	20,19,097		1,43,750	3,04,644
1916-17	6,54,13,855	Do.	52,16,432	....	5,61,416	1,31,072	18,70,335		1,43,755	3,52,377
1917-18	6,80,28,001	Do.	54,75,264	....	5,86,976	1,58,940	20,40,305		1,43,750	3,71,291
1918-19	8,29,75,130	Do.	72,19,049	....	6,04,640	1,53,340	19,54,583		1,43,750	3,86,009
1919-20	8,58,18,734	Do.	74,65,411	....	6,11,812	1,66,515	21,03,440		1,43,750	4,16,261
1920-21	9,32,34,165	Do.	74,88,793	....	7,33,766	1,68,785	21,19,082	77,100	1,43,750	4,41,881
1921-22	10,37,70,215	Do.	84,79,101	....	7,35,667	1,69,188	21,39,675	14,92,152	1,43,750	3,78,831
1922-23	11,25,08,688	@11%	1,04,91,115	....	12,15,390	1,74,981	16,90,372	16,23,024	1,43,750	3,81,343
1923-24	12,64,47,414	Do.	1,11,11,253	....	10,72,941	5,19,030	16,81,076	15,39,712	1,43,750	3,85,106
1924-25	12,71,95,123	Do.	1,22,50,837	....	12,09,720	2,58,687	18,76,808	13,09,466	1,43,750	3,74,296
1925-26	13,15,65,275	Do.	1,23,22,099	....	12,46,630	3,73,115	14,54,259	14,92,427	1,43,750	3,72,156
1926-27	13,70,60,569	Do.	1,27,10,850	....	10,61,576	2,32,848	16,67,980	11,30,500	1,43,750	3,84,385
1927-28	13,96,74,939	Do.	1,26,61,950	....	11,63,926	3,28,853	14,38,817	11,34,083	1,43,750	3,98,366
1928-29.. ..	14,16,41,656	Do.	1,26,09,968	....	10,19,412	1,29,378	15,46,677	13,37,095	1,43,750	3,76,440
1929-30.. ..	14,79,63,078	Do.	1,27,10,958	....	12,71,765	1,33,550	13,71,364	15,40,191	1,43,750	3,92,339
1930-31.. ..	15,00,14,383	Do.	1,29,50,889	....	10,83,448	1,55,650	16,38,968	12,65,114	1,43,750	3,71,452
1931-32.. ..	14,64,68,460	Do.	1,29,37,243	....	10,58,141	1,58,166	11,59,129	7,37,367	1,43,750	4,19,347
1932-33.. ..	14,41,33,933	Do.	1,20,42,747	....	10,70,340	1,71,385	11,27,188	8,28,856	1,43,750	3,50,771
1933-34.. ..	14,32,51,802	Do.	1,22,45,281	....	10,57,393	1,69,759	14,02,788	8,86,189	1,43,750	2,54,247

M. R. TAMBE,
Chief Accountant.

No. 19—*concluded.*

	Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	Services Rendered. Halalkhore Tax.	Water Tax.	Total services rendered.	Miscellaneous. Government contribution for Police and City Improvement Trust.	Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of taxation per head of population.	Five years average annual income.
	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
@3⅜%	1,20,057	50,06,080	9,32,655	18,57,780	27,90,435	....	12,96,024	90,92,539	1905-06		10 0 9	....
Do.	1,28,631	53,76,598	9,91,362	19,38,429	29,29,791	....	13,42,112	96,48,501	1906-07	....	8 7 10	
Do.	1,39,329	54,64,330	10,46,874	19,48,830	29,95,704	....	14,29,290	98,89,324	1907-08	977,822	8 10 5	1,00,26,055
Do.	1,47,522	56,12,966	11,19,322	20,04,189	31,23,411	....	15,49,671	1,02,86,048	1908-09	....	8 14 11	
Do.	1,63,267	64,16,245	11,92,349	20,11,788	32,04,134	....	15,93,485	1,12,13,864	1909-10	....	9 13 5	
@4%	2,15,094	72,38,583	12,32,951	19,95,327	32,28,278	....	17,29,288	1,21,96,149	1910-11	....	10 11 0	
Do.	2,33,627	72,29,327	12,92,697	20,79,120	33,71,817	....	20,54,645	1,26,55,789	1911-12	979,445	10 13 2	
Do.	2,33,029	77,66,564	13,50,833	21,70,948	35,21,781		14,53,244	1,27,41,589	1912-13	....	11 8 5	25,76,679
Do.	2,44,283	77,42,246	13,85,123	22,85,434	36,70,562	....	(e) 14,63,693	1,28,76,501	1913-14	....	11 10 5	
@3⅝%	1,92,648	70,57,003	14,17,648	22,16,012	36,33,660		17,22,703	1,24,13,366	1914-15	....	10 14 8	
Do.	2,06,494	85,51,602	14,68,587	23,23,021	37,91,608		14,87,860	1,38,31,070	1915-16	....	12 9 8	
Do.	2,05,911	84,51,793	15,25,637	24,71,834	39,97,471	....	15,69,475	1,40,48,739	1916-17	....	12 11 11	
Do.	2,16,130	89,98,666	16,18,123	26,97,720	43,10,843	....	15,25,888	1,48,29,386	1917-18	....	13 9 4	1,55,80,061
Do	2,84,963	1,07,46,333	18,34,068	29,77,602	48,11,670	....	18,16,181	1,73,74,184	1918-19	....	15 14 2	
Do.	2,92,625	1,11,99,814	19,39,162	30,93,308	50,32,470	....	20,84,643	1,83,16,927	1919-20	....	16 9 2	
Do.	2,95,541	1,17,63,705	21,33,991	33,31,036	54,65,028	....	29,09,465	2,01,43,197	1920-21	....	14 10 3	
Do.	3,34,372	1,39,22,196	23,74,867	36,18,899	59,93,766	....	32,31,047	2,31,47,009	1921-22	1,175,914	18 15 3	
@4½%	4,75,604	1,61,95,379	26,47,245	48,48,252	74,95,497	....	30,62,387	2,67,53,463	1922-23	....	20 2 4	2,56,36,060
Do.	5,16,139	1,67,29,007	28,65,950	53,67,314	82,33,264	....	29,59,238	2,79,21,509	1923-24	....	21 1 2	
Do.	5,69,137	1,79,92,651	32,16,328	57,80,371	89,96,699	....	32,25,771	3,02,15,121	1924-25	....	22 13 5	
Do.	5,63,080	1,73,67,468	32,29,397	65,06,480	97,35,877	....	28,28,014	3,05,31,359	1925-26	....	23 5 9	
Do.	5,88,106	1,79,19,995	32,45,007	73,73,602	1,06,18,609	....	35,97,093	3,21,35,697	1926-27	....	24 2 3	
Do.	5,84,350	1,78,54,095	32,96,001	68,54,362	1,01,50,363	....	37,03,830	3,17,08,288	1927-28	....	23 9 10	3,18,09,765
Do.	5,72,933	1,77,35,653	32,10,243	64,18,596	96,28,839	....	41,68,891	3,15,33,383	1928-29	....	23 4 4	
Do.	5,76,562	1,81,40,479	33,37,083	69,68,049	1,03,05,132	....	46,94,487	3,31,40,098	1929-30	....	24 3 1	
Do.	5,87,877	1,81,97,148	32,28,684	64,42,981	96,71,665	....	41,77,859	3,20,46,672	1930-31	11,61,388	24 1 2	
Do.	5,88,148	1,72,01,291	32,61,662	63,97,023	96,58,685	....	50,54,200	3,19,14,176	1931-32	....	23 2 0	
Do.	5,48,757	1,62,83,794	30,78,239	63,86,907	94,65,146	....	42,53,441	3,00,02,381	1932-33	....	22 2 9	
Do.	5,56,824	1,67,16,181	30,88,965	62,99,078	93,88,043	....	53,11,747	3,14,15,971	1933-34	....	22 7 7	

(e) Exclusive of the amount of interest realized on Sinking Funds which was hitherto treated as Income.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

Expenditure of the Bombay Municipality from the

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1865	94,354	1,26,472	Not traceable.	31,52,722	8,15,914	Not traceable.	345	1,41,931	....	....	....
1866	1,31,622	58,638		13,32,917	14,40,293		14,430	3,96,169	....	....	20,554
1867	61,337	71,531		17,38,626	14,26,321		2,580	4,25,428	....	....	78,360
1868	70,990	87,602	22,708	12,29,594	10,45,862	9,012	3,733	4,17,083	....	....	2,19,977
1869	1,09,879	1,25,691	23,318	12,51,429	8,57,425	8,512	5,634	3,25,637	....	....	3,81,368
1870	1,32,202	1,12,498	30,896	13,73,987	8,29,784	8,046	10,354	4,24,905	....	....	4,46,187
1871	1,22,853	1,12,851	31,261	16,11,527	7,84,485	6,482	7,758	5,90,579	7,948	....	4,75,704
1872	1,15,930	1,38,354	34,435	12,83,987	7,61,854	*	7,221	3,27,209	9,321	....	2,52,971
1873	1,16,575	1,41,308	20,546	10,70,919	7,96,860	*	6,996	3,40,892	10,000	....	3,06,270
1874	1,11,860	1,29,023	25,316	10,53,629	7,38,139	*	8,030	2,44,325	10,000	....	3,09,023
1875	1,13,902	1,36,708	20,063	9,90,091	7,42,958	*	8,691	3,52,920	10,000	36,000	7,15,561
1876	1,09,189	1,42,267	37,754	9,70,195	7,07,681	....	11,157	3,57,734	10,000	36,000	7,09,127
1877	1,10,164	1,43,672	24,193	8,96,548	7,49,550	....	8,301	3,54,535	10,000	36,000	6,27,792
1878	1,15,597	1,44,467	27,517	8,13,057	7,90,481	....	8,008	3,61,881	15,000	36,000	8,66,223
1879	1,21,997	1,34,372	23,960	8,35,687	8,04,295	....	12,034	3,64,304	17,000	36,000	6,91,903
1880	1,28,492	1,37,726	24,800	8,86,191	7,52,410	....	7,749	3,59,166	17,500	36,000	6,42,880
1881	1,28,951	1,52,107	23,242	9,16,659	7,98,021	....	8,608	3,57,752	17,500	20,435	7,47,209
						For 15 months, *i.e.*, from 1st January 1882 to 31st March 1883, the calendar					
1882-83	1,82,715	1,87,858	73,665	14,01,108	10,14,785	.. .	12,803	4,54,034	28,125	34,948	12,28,882
1883-84	2,01,021	1,48,317	55,389	10,55,338	9,16,316	....	40,333	3,62,508	22,500	27,832	8,12,061
1884-85	1,65,258	1,64,917	64,977	11,51,551	9,19,967	....	23,293	3,61,748	22,500	34,512	7,37,608
1885-86	1,66,827	1,84,717	43,854	12,34,529	8,95,607	....	18,318	3,59,223	23,700	31,349	7,87,527
1886-87	1,73,060	2,17,134	70,904	13,03,859	10,10,118	....	19,133	2,61,914	32,604	43,386	8,93,553
1887-88	1,70,945	2,12,138	69,670	13,64,393	10,75,735	....	30,531	2,61,348	1,34,715	40,753	23,27,682
1888-89	1,69,223	1,98,820	1,12,328	14,91,041	11,56,410	....	19,470	2,59,140	50,982	36,857	14,90,115
1889-90	1,77,133	1,92,643	93,907	13,62,241	11,96,577	....	29,139	2,58,285	60,358	35,246	14,35,711
1890-91	1,82,198	2,28,854	1,29,291	15,92,034	13,02,064	....	32,117	2,58,285	68,646	38,601	15,52,189
1891-92	1,91,028	2,41,002	88,671	15,02,073	12,92,529	....	33,890	2,58,285	80,722	50,284	16,37,405
1892-93	1,90,926	2,52,123	1,47,694	17,72,512	13,01,563	....	29,845	3,63,625	87,565	49,576	21,97,233
1893-94	2,29,517	2,42,413	1,06,315	15,41,703	13,39,614	....	37,500	3,30,272	88,015	52,476	21,27,457
1894-95	2,11,621	2,47,771	1,14,144	16,67,335	13,70,168	....	46,568	3,74,022	87,290	61,456	20,26,571
1895-96	1,99,317	2,40,990	1,15,991	17,31,317	13,75,234	....	48,452	5,01,096	88,481	56,260	21,19,651
1896-97	1,99,641	2,48,159	1,97,654	15,55,649	14,09,867	....	58,601	5,51,589	88,889	53,101	20,56,122
1897-98	2,14,792	2,50,483	1,18,508	16,10,387	15,86,633	....	70,096	5,00,900	1,02,624	54,233	22,60,571
1898-99	2,10,380	2,57,182	1,09,076	14,16,617	16,89,174	....	56,366	5,01,013	1,14,776	55,201	2,41,128
1899-1900	1,97,643	2,72,850	1,17,098	16,01,898	20,30,444	....	66,034	5,00,000	1,11,990	54,997	23,40,269

* Combined with Controller's Office.

No. 20.

year 1865 to the year 1933-34.

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Road Improvement Fund.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	Five years' average annual expenditure.
Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
....	....	5,10,250	....	....	....	....	1,17,345	49,59,333	1865	
....	....	82,059	....	....	....	....	1,25,240	36,01,922	1866	
....	....	2,70,545	....	....	....	....	1,49,423	42,16,346	1867	>38,77,203
....	....	3,32,722	....	....	....	....	37,775	34,77,058	1868	
....	....	....	....	....	....	....	42,665	31,31,358	1869	
....	....	....	....	....	....	....	23,416	33,92,185	1870	
....	....	....	....	....	....	....	53,213	38,04,661	1871	
....	27,273	....	..	....	....	....	(a) 1,57,333	31,15,888	1872	>32,69,595
....	11,857	....	....	....	....	....	22,354	30,44,577	1873	
....	14,473	..	....	....	....	....	46,645	29,90,663	1874	
....	18,282	....	....	....	....	....	(b) 1,19,851	32,65,027	1875	
....	21,638	....	....	....	....	....	47,696	31,60,438	1876	
..	20,221	....	....	....	....	....	55,559	30,36,535	1877	>31,68,669
....	21,190	....	....	....	....	....	71,103	32,70,224	1878	
....	17,709	....	....	....	....	....	51,791	31,11,122	1879	
....	20,758	....	....	....	....	....	44,321	30,57,992	1880	
....	19,463	....	2,50,000	....	....	....	(c) 3,52,535	37,98,872	1881	
year being changed to the financial year, the expenditure was:—										>38,41,465
....	25,969	....	50,000	19,000	....	....	38,740	47,53,632	1882-83	
....	20,263	....	20,000	....	....	....	33,934	37,15,812	1883-84	
....	22,738	....	801	....	....	....	(d) 2,11,150	38,81,020	1884-85	
....	23,864	....	99,199	....	....	....	98,226	40,66,940	1885-86	
....	38,326	....	49,779	....	....	....	57,562	41,73,362	1886-87	
....	42,123	....	50,221	....	....	....	32,436	58,12,690	1887-88	>48,59,951
....	48,939	....	55,577	....	....	....	(e) 1,12,316	52,01,258	1888-89	
....	65,153	....	24,459	....	3,000	....	58,553	50,42,405	1889-90	
....	87,805	....	28,907	....	3,113	....	(f) 1,85,807	56,84,861	1890-91	
....	77,225	....	27,905	....	3,274	....	2,07,780	57,32,073	1891-92	
....	86,964	....	....	....	3,386	....	52,566	45,45,512	1892-93	>62,69,972
....	(f) 2,80,453	....	....	....	5,64,972	....	23,321	69,63,928	1893-94	
....	93,969	....	....	....	44,086	....	28,485	63,73,486	1894-95	
....	64,028	....	....	....	1,46,180	....	15,519	67,02,516	1895-96	
....	60,312	....	....	....	1,42,601	4,37,055	35,503	70,04,743	1896-97	
....	71,447	....	....	....	36,478	5,00,000	1,20,712	74,96,969	1897-98	>71,87,147
....	74,959	....	....	....	37,425	—5,00,000	(g) { 8,12,546 19,673 }	73,39,026	1898-99	
....	75,250	....	....	....	35,316	—43,694	32,385	73,92,480	1899-1900	

(a) Includes write-off of loss in stores of Rs. 1,45,993.

(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.

(c) Includes special adjustment of Rs. 3,24,827 for arranging the different loan fund.

(d) Includes loss of Rs. 1,84,774 on the sale of the Panwel Brick Factory.

(e) Includes Rs. 62,048 for loss on sale of investments.

(f) Includes Rs. 1,94,565 for land acquired.

(g) Write-off on account of frontage lands at Agripada.

Appendix

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Police Charges.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1900-01	2,28,044	3,26,719	1,18,639	17,61,178	21,68,479	....	75,929	6,02,455	1,11,939	58,977	25,03,311
1901-02	2,13,035	2,94,004	1,21,728	15,71,437	20,07,064	....	56,440	5,00,022	1,12,513	57,000	26,56,565
1902-03	2,16,767	2,92,939	1,10,182	15,90,956	20,05,939	....	66,852	5,97,504	1,10,474	56,290	27,11,361
1903-04	2,34,069	2,99,459	1,24,119	16,65,761	19,79,374	....	57,487	5,00,381	1,12,858	54,625	29,18,567
1904-05	2,29,315	3,18,017	1,34,282	18,81,039	18,46,402	15,904	74,334	5,01,076	1,59,763	57,000	28,33,563
1905-06	2,43,603	3,24,580	1,23,986	19,54,844	19,91,160	19,269	71,778	5,00,000	1,61,420	57,606	29,82,971
1906-07	3,06,306	3,29,381	1,28,015	19,39,665	21,46,791	27,369	75,303	5,01,882	1,65,815	56,219	31,77,715
1907-08	2,59,564	3,66,403	1,69,574	21,17,200	22,87,706	31,325	74,395	1,38,450	2,65,350	4,50,151	32,26,943
1908-09	2,71,046	3,73,684	1,71,929	23,92,891	24,34,002	29,456	65,623	.. .	2,76,685	4,64,535	32,98,247
1909-10	3,09,102	3,69,460	1,66,963	23,86,781	23,64,080	30,859	69,817	....	2,93,256	4,62,579	33,77,184
1910-11	2,89,088	3,85,546	1,88,087	24,16,932	21,03,537	31,063	84,284	....	4,17,124	4,64,416	36,07,569
1911-12	2,93,600	3,75,204	1,79,978	24,87,700	21,40,626	33,054	86,701	....	4,20,311	4,72,858	37,14,629
1912-13	3,14,525	4,40,506	3,27,304	25,52,084	23,15,541	34,069	96,913	....	4,18,511	4,46,160	38,43,397
1913-14	3,11,659	4,41,694	1,66,104	29,41,742	23,09,128	35,094	1,07,499	....	4,85,285	4,41,840	34,34,230
1914-15	3,13,576	4,16,898	1,85,577	30,02,430	23,15,264	36,771	1,11,204	....	5,03,224	4,39,260	37,62,252
1915-16	3,19,660	4,51,638	1,92,455	30,13,184	23,93,411	38,277	1,15,167	....	5,43,346	4,37,810	39,34,821
1916-17	3,39,014	4,93,398	1,92,598	31,61,770	25,33,855	40,538	1,46,580	....	5,91,873	4,35,960	44,11,104
1917-18	3,50,132	5,33,536	2,22,212	32,75,695	25,52,883	44,085	1,75,960	....	7,31,695	4,36,570	41,86,164
1918-19	3,78,723	5,29,127	2,57,944	39,46,954	51,27,671	46,829	1,84,955	....	9,27,207	4,89,328	44,30,260
1919-20	4,18,182	5,21,773	2,82,962	43,15,060	36,23,038	46,227	1,88,988	....	13,32,793	4,61,262	43,05,114
1920-21	4,18,650	5,87,191	3,20,709	49,52,268	† 39,59,741	60,316	2,13,660	....	16,87,813	4,86,216	46,26,785
1921-22	4,36,442	6,18,675	3,94,384	1,01,86,772	47,69,943	76,404	(s)	....	20,39,048	9,01,571	(s) ....
1922-23	4,81,031	6,66,432	4,02,392	1,27,64,437	48,94,512	80,079	(s)	....	22,72,762	9,63,038	(s) ....
1923-24	4,90,787	6,88,833	3,79,944	58,66,567	47,27,050	85,356	3,62,363	....	25,08,852	8,96,582	1,00,90,945
1924-25	5,04,317	7,04,553	3,40,488	59,80,651	46,60,450	75,167	4,04,919	....	25,82,656	9,03,884	1,08,14,589
1925-26	5,82,711	6,90,166	3,51,624	53,91,221	41,97,577	76,713	4,72,654	....	27,92,373	9,81,956	1,08,83,980
1926-27	5,34,507	7,09,867	3,27,018	52,80,276	41,56,288	70,565	4,88,346	....	31,13,302	14,44,718	1,08,41,061
1927-28	5,36,542	6,94,727	3,16,612	54,95,145	41,63,376	75,421	5,81,223	....	30,55,361	15,86,687	1,12,89,224
1928-29	5,40,173	5,61,208	3,35,320	55,13,018	41,28,598	63,565	6,53,287	....	29,47,784	16,27,649	1,21,36,185
1929-30	4,71,487	5,91,474	3,64,367	55,31,919	40,74,206	66,157	6,83,457	....	31,10,455	16,90,793	1,30,34,567
1930-31	4,58,414	5,10,305	3,37,520	61,49,678	35,78,522	68,384	7,26,679	....	29,97,740	18,23,641	1,29,85,715
1931-32	4,44,031	4,86,855	3,13,432	57,46,117	32,51,075	64,978	7,78,661	....	31,20,478	17,40,480	1,32,51,618
1932-33	3,85,083	4,66,482	3,02,499	55,88,550	31,25,898	62,292	8,16,812	....	32,45,592	17,13,017	1,33,53,226
1933-34	3,77,708	4,58,593	2,69,016	53,90,313	29,83,376	61,293	9,48,829	....	32,30,720	16,56,005	1,32,22,310

† Inclusive of Rs. 4,58,641 on account of Markets and Slaughter Houses and Rs. 26,147 on account of Census.

M. R. TAMBE,
Chief Accountant.

No. 20—*concluded.*

Contribution to the Bombay Improvement Trust.	Public Gardens.	Stores, Plant and Live Stock.	Municipal Building Fund.	Loan works Establishment.	Investments Fund.	Plague Expenses.	Miscellaneous.	Total.	Year.	Five years' average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
4,74,605	69,870	....	....	....	58,400	—922	1,86,444	85,84,058	1900-01	
4,81,000	57,685	....	....	....	59,259	....	38,695	82,26,458	1901-02	
3,00,000	68,874	....	....	....	58,136	....	75,124	84,53,398	1902-03	84,57,384
3,50,000	67,422	....	....	....	33,265	....	34,006	84,31,390	1903-04	
2,50,000	66,092	....	....	....	35,399	1,81,920	57,512	85,91,618	1904-05	
2,50,500	64,751	....	....	....	39,377	2,26,538	(h) 3,62,359	93,74,242	1905-06	
3,00,000	64,735	....	....	....	39,626	2,43,044	18,945	95,20,790	1906-07	
2,66,081	75,158	....	....	....	44,445	1,95,517	1,30,930	1,01,89,201	1907-08	1,02,22,281
4,50,000	92,905	....	....	....	47,843	2,23,328	37,952	1,06,30,126	1908-09	
7,80,000	98,964	....	....	....	1,21,917	2,00,915	(i) 3,65,173	1,13,97,050	1909-10	
8,35,000	91,210	....	....	....	49,473	1,87,234	1,31,399	1,12,81,872	1910-11	
9,86,000	76,091	....	....	....	57,633	1,55,903	1,25,274	(j) 1,14,84,562	1911-12	
9,23,000	83,982	....	....	....	10,000	1,47,763	2,25,882	(k) 1,16,81,587	1912-13	1,17,90,025
9,23,093	91,683	....	....	....	10,000	1,24,682	2,16,193	(l) 1,20,48,926	1913-14	
9,76,988	92,295	....	....	....	10,000	1,27,633	1,59,869	(m)1,24,53,191	1914-15	
10,17,420	89,738	....	....	....	10,000	1,22,912	(n) 1,24,031	1,28,03,870	1915-16	
11,01,289	90,490	....	....	....	(p) 3,08,135	1,29,958	(o) 2,37,730	1,42,14,292	1916-17	
10,98,118	81,555	....	....	....	(q) 51,399	1,32,160	3,89,492	1,42,61,391	1917-18	1,53,23,096
11,52,687	93,085	....	....	....	(q) 17,320	1,26,506	13,38,060	1,70,26,649	1918-19	
15,19,780	97,183	....	....	....	(q) 20,982	1,18,404	10,57,511	1,83,09,277	1919-20	
15,71,248	1,28,196	....	....	....	(r) 1,69,813	1,24,591	8,95,154	2,02,02,301	1920-21	
15,76,574	2,24,288	....	....	....	(t) 2,68,427	1,16,888	8,95,638	2,24,64,954	1921-22	
17,85,007	2,34,769	....	....	....	3,18,883	1,20,689	11,77,228	2,61,61,489	1922-23	1,55,67,168
19,07,255	1,59,167	....	....	....	70,044	1,12,280	7,16,308	2,89,50,053	1923-24	
20,20,974	1,62,449	..	....	....	....	1,03,848	7,98,144	3,00,57,096	1924-25	
22,28,470	1,63,147	....	....	....	....	91,674	6,83,364	2,90,87,636	1925-26	
22,39,225	1,86,412	....	....	26,011	....	74,216	6,70,844	3,01,62,656	1926-27	
23,11,031	1,67,067	..	....	4,31,527	....	84,089	6,57,843	3,14,45,875	1927-28	
23,02,180	1,76,614	....	....	3,75,910	....	72,394	(u) 13,16,393	3,27,50,278	1928-29	3,12,89,455
22,92,678	1,76,841	..	....	2,47,292	....	76,836	5,88,300	3,30,00,829	1929-30	
23,10,873	1,88,454	....	....	....	....	64,690	4,46,937	3,26,47,552	1930-31	
23,54,568	1,73,268	....	....	....	....	66,626	5,36,542	3,23,28,729	1931-32	
23,52,242	1,57,884	....	....	....	....	65,982	5,33,558	3,21,69,117	1932-33	
(v)32,84,740	1,57,141	....	....	....	....	67,759	4,43,796	3,25,51,599	1933-34	

(*h*) Includes contribution of Rs. 3,00,000 towards celebrating the visit of H. R. H. the Prince and Princess of Wales.

(*i*) Includes charges for Grain Compensation and Local Allowance and the loss sustained in the sale of unserviceable stores written off.

(*j*) Excludes Rs. 5,00,000 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds.

(*k*) Excludes Rs. 3,10,053 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds as well as the amount of investments of interest realized on Sinking and Special Funds.

(*l*) Excludes Rs. 1,00,000 transferred from revenue for writing off the balance of the Plague expenditure advanced from Loan Funds as well as the amount of investment of interest realised on Sinking and Special Funds.

(*m*) Excludes Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds) of the Halalkhores' Chawl at Vincent Road sold to the City Improvement Trust as well as the amount of investment interest realized on Sinking and Special Funds.

(*n*) Includes Rs. 25,000 being the contribution towards the cost of cadastral survey of the town and island of Bombay.

(*o*) This includes Rs. 1,20,312 on account of discount on the conversion of 3 per cent. or 3½ per cent. Government Paper into 4 per cent. conversion loan of 1916-17.

(*p*) This includes Rs. 2,98,135 being the amount of investment on account of sale-proceeds of Municipal lands into Municipal Land and Building Fund.

(*q*) This includes Rs. 41,399, Rs. 7,320 and Rs. 10,982 being the amount of investment on account of sale proceeds of Municipal Lands into Municipal Land and Building Fund.

(*r*) This includes Rs. 1,59,813 do. do.

(*s*) As the Expenditure on Pensions and gratuities, &c., and Municipal Debt is allocated according to different service heads, no expenditure appears under these heads.

(*t*) This includes Rs. 2,58,427 on account of sale proceeds of Municipal land to be transferred to Land and Building Fund.

(*u*) Includes Rs. 7,00,000 being the contribution for Bai Jerbai Wadia Hospital for children.

(*v*) Includes Rs. 10,94,913 on account of increased contribution payable towards Improvement Schemes due to the amalgamation of the City Improvement Trust with the Municipality with effect from 1-10-1933 under Bombay Act XIII of 1933.

I. H. TAUNTON,
Municipal Commissioner

Appendix No. 21.

CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1933-34.

YEAR.	Income.	Expenditure.	DIFFERENCE.	
			Surplus.	Deficit.
	Rs.	Rs.	Rs.	Rs.
1865	23,63,787	49,59,333	.....	25,95,546
1866	29,14,672	36,01,922	.....	6,87,250
1867	30,40,524	42,16,346	.....	11,75,822
1868	38,52,674	34,77,058	3,75,616	.....
1869	33,93,226	31,31,358	2,61,868	.....
1870	33,07,749	33,92,185	.....	84,436
1871	28,71,160	38,04,661	.....	9,33,501
1872	30,48,331	31,15,888	.....	67,557
1873	33,24,108	30,44,577	2,79,531	.....
1874	29,81,322	29,90,663	.....	9,341
1875	31,43,526	32,65,027	.....	1,21,501
1876	31,77,723	31,60,438	17,285	.....
1877	32,41,452	30,36,535	2,04,917	.....
1878	31,45,153	32,70,224	.....	1,25,071
1879	33,41,174	31,11,122	2,30,052	.....
1880	32,51,870	30,57,992	1,93,878	.....
1881	38,73,694	37,98,872	74,822	.....
1-1-1882 to 31-3-1883...	46,12,240	47,53,632	.....	1,41,392
1883-1884	37,37,272	37,15,812	21,460	.....
1884-1885	42,13,868	38,81,020	3,32,848	.....
1885-1886	44,73,973	40,66,940	4,07,033	.....
1886-1887	49,01,814	41,76,362	7,25,452	.....
1887-1888	51,66,530	58,12,690	.....	6,46,160
1888-1889	49,66,193	52,01,258	.....	2,35,065
1889-1890	53,42,169	50,42,405	2,99,764	.....
1890-1891	61,65,901	56,84,861	4,81,040	.....
1891-1892	62,33,183	57,82,073	4,51,110	.....
1892-1893	66,72,943	65,45,512	1,27,431	.....
1893-1894	67,62,695	69,63,928	.....	2,01,233
1894-1895	65,39,372	63,73,486	1,65,886	.....
1895-1896	67,61,710	67,02,516	59,194	.....
1896-1897	62,08,978	70,04,743	.....	7,95,765
1897-1898	71,45,560	74,96,969	.....	3,51,409
1898-1899	71,61,911	73,39,026	.....	1,77,115
1899-1900	88,29,817	73,92,480	14,37,337	.....
1900-1901	84,02,848	85,84,058	.....	1,81,210
1901-1902	77,66,729	82,26,458	.....	4,59,729
1902-1903	81,75,688	84,53,398	.....	2,77,710
1903-1904	84,82,625	84,31,390	51,235	.....
1904-1905	93,36,111	85,91,618	7,14,493	.....
1905-1906	90,92,539	93,74,242	.....	2,81,703
1906-1907	96,48,501	95,20,790	1,27,711	.....
1907-1908	98,89,324	1,01,89,201	.....	2,99,877
1908-1909	1,02,86,048	1,06,30,126	.....	3,44,078
1909-1910	1,12,13,864	1,13,97,050	.....	1,83,186
1910-1911	1,21,96,149	1,12,81,872	9,14,277	.....
1911-1912	1,26,55,789	*1,14,84,562	11,71,227	.....
1912-1913	1,27,41,589	(a)1,16,81,587	10,60,002	.....
1913-1914	1,28,76,501	(b) 1,20,48,926	8,27,575	.....
1914-1915	1,24,13,366	(c) 1,24,53,191	.....	39,825
1915-1916	1,38,31,070	1,28,03,870	10,27,200	.....
1916-1917	1,40,48,739	1,42,14,292	.....	1,65,553
1917-1918	1,48,29,386	1,42,61,391	5,67,995	.....
1918-1919	1,73,74,184	1,70,26,648	3,47,536	.....
1919-1920	1,83,16,927	1,83,09,277	7,650	.....
1920-1921	2,01,43,197	2,02,02,301	.....	59,104
1921-1922	2,31,47,009	2,24,64,954	6,82,055	.....
1922-1923	2,67,53,463	2,61,61,439	5,92,024	.....
1923-1924	2,79,21,509	2,89,50,053	.....	10,28,544
1924-1925	3,02,15,121	3,00,57,096	1,58,025	.....
1925-1926	3,05,31,359	2,90,87,636	14,43,723	.....
1926-1927	3,21,35,697	3,01,62,656	19,73,041	.....
1927-1928	3,17,08,288	3,14,45,875	2,62,413	.....
1928-1929	3,15,33,385	3,27,50,278	.....	12,16,895
1929-1930	3,31,40,098	3,30,00,829	1,39,269	.....
1930-1931	3,20,46,672	3,26,47,552	.....	6,00,880
1931-1932	3,19,14,176	3,23,28,729	.....	4,14,553
1932-1933	3,00,02,381	3,21,69,117	.....	21,66,736
1933-1934	3,14,15,971	3,25,51,599	... ...	11,35,628

* This is exclusive of Rs. 5,00,000 utilized towards writing off a portion of the Plague expenditure.
(a) Do. „ 3,10,052-7-4 do. do. do.
(b) Do. „ 1,00,000 do. the balance do.
(c) This is exclusive of Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds) of the Halalkhore chawls at Vincent Road sold to the City Improvement Trust.

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 22.

IMPROVEMENT SCHEMES.

General Financial Statistics.

Particulars.	1929-30.	1930-31.	1931-32.	1932-33.	1933-34.
	Rs.	Rs.	Rs.	Rs.	Rs.
General Account Receipts.					
1. Land Revenue	51,42,416	50,41,886	49,28,638	49,33,248	49,15,892
2. Municipal contribution ..	22,92,678	23,10,873	23,54,568	23,52,242	32,84,740
3. Tobacco Duty	....	....	....	7,43,000	11,42,753
4. Miscellaneous	7,56,655	6,22,466	4,11,938	6,86,487	6,98,305
	81,91,749	79,75,225	76,95,144	87,14,977	1,00,41,690
Expenditure.					
5. Maintenance of Properties and Streets	13,49,283	13,84,100	13,83,663	14,77,648	11,86,700
6. Debt Charges	89,35,012	92,11,116	94,27,273	96,63,736	98,23,000
7. Miscellaneous	4,78,425	3,27,804	2,66,159	5,68,298	3,07,342
	1,07,62,720	1,09,23,020	1,10,77,095	1,17,09,682	1,13,17,042
8. Deficits	25,70,971	29,47,795	33,81,951	29,94,705	12,75,352
Loans.					
9. Debt outstanding	16,06,02,261	16,26,04,533	16,89,40,641	17,07,29,550	17,21,67,876
10. Redemption and Sinking Funds in hand or invested	1,34,61,020	1,47,53,946	1,61,26,541	1,75,67,684	1,91,09,981
11. Net Loan Debt	14,71,41,241	14,78,50,587	15,28,14,100	15,31,61,866	15,30,57,895

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 23.

IMPROVEMENT SCHEMES.

General Account for the year ended 31st March 1934.

Particulars.	Amount.	Particulars.	Amount.
	Rs. a. p.		Rs. a. p.
To Revenue Expenditure as per Appendix No. 25	1,13,17,042 0 11	By Revenue Receipts as per Appendix No. 24	1,00,41,689 15 8
		,, Balance being deficit for the year (transferred to capital A/c Balance Sheet Appendix No. 26)	12,75,352 1 3
	1,13,17,042 0 11		1,13,17,042 0 11

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

IMPROVEMENT

GENERAL

IN-

Statement showing the net Receipts during the Financial year **1933–1934** *from all sources as Contrasted*

Actuals for 1932-33.	Particulars.	Actuals for 1933-34.			Budget Estimate for 1933-34.
		1st half year ended 30-9-33.	2nd half year ended 31-3-34.	Total.	
1	2	3	4	5	6
	I.—Rents and other Proceeds of Properties.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,49,518 6 2	1, Lands comprised in Schedule W ..	1,84,146 4 8	1,75,311 10 7	3,59,457 15 3	3,58,937 0 0
1,31,258 2 8	2, ,, ,, ,, X ..	57,889 13 3	68,136 1 5	1,26,025 14 8	1,33,348 0 0
1,05,381 7 6	3, ,, ,, ,, Y ..	52,562 11 8	54,969 2 3	1,07,531 13 11	1,07,619 0 0
204 4 4	4, ,, ,, ,, Z ..	....	204 4 4	204 4 4	204 0 0
43,46,882 12 5	5, Other Lands and Buildings	21,31,796 1 5	21,90,875 15 9	43,22,672 1 2	44,77,270 0 0
49,33,245 1 1		24,26,394 15 0	24,89,497 2 4	49,15,892 1 4	50,77,378 0 0
23,52,241 15 11	II.—Contribution from the Municipal Corporation under Section 125 (2) (d) of the Municipal Act	21,89,826 10 10	10,94,913 5 5	32,84,740 0 3	34,31,030 0 0
7,43,000 0 0	III.—Receipts on account of Tobacco Duty	5,44,731 11 2	5,98,020 13 10	11,42,752 9 0	8,00,000 0 0
1,13,984 6 2	IV.—Interest and Profit on Investments..	2,11,463 14 9	1,78,922 3 10	3,90,386 2 7	75,000 0 0
4,291 2 1	V.—Miscellaneous Receipts	1,058 9 5	1,203 6 0	2,261 15 5	....
5,63,727 6 6	VI.—Contribution from Capital Account on account of proportionate cost of Management and Establishment ..	....	3,05,657 3 1	3,05,657 3 1	2,62,829 0 0
87,10,489 15 9	Total Income Rupees ..	53,73,475 13 2	46,68,214 2 6	1,00,41,689 15 8	96,46,237 0 0

M. R. TAMBE,
Chief Accountant.

No. 24.

SCHEMES.

ACCOUNT.

COME.

with the Actuals for 1932–1933, *the Original Budget Estimate and the Revised Estimate.*

Revised Estimate for 1933-34.	Compared with the actuals for 1932-33.		Compared with the original Estimate.		Compared with the revised Estimate.	
	Increase.	Decrease.	More.	Less.	More.	Less.
7	8	9	10	11	12	13
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
						2,548 0 9
3,62,006 0 0	9,939 9 1	....	520 15 3	....	....	
1,32,269 0 0	....	5,232 4 0	....	7,322 1 4	....	6,243 1 4
1,07,742 0 0	2,150 6 5	....	....	87 2 1	....	210 2 1
204 0 0	....	....	0 4 4	....	0 4 4	....
44,02,269 0 0	....	24,210 11 3	....	1,54,597 14 10	....	79,596 14 10
50,04,490 0 0	12,089 15 6	29,442 15 3	521 3 7	1,62,007 2 3	0 4 4	88,598 3 0
35,02,722 0 0	9,32,498 0 4	....	....	1,46,289 15 9	....	2,17,981 15 9
10,10,731 0 0	3,99,752 9 0	....	3,42,752 9 0	....	1,32,021 9 0	....
2,85,000 0 0	2,76,401 12 5	....	3,15,386 2 7	....	1,05,386 2 7	....
....	....	2,029 2 8	2,261 15 5	....	2,261 15 5	....
2,92,239 0 0	....	2,58,070 3 5	42,828 3 1	....	13,418 3 1	....
1,00,95,182 0 0	16,20,742 5 3	2,89,542 5 4	7,03,750 1 8	3,08,297 2 0	2,53,088 2 5	3,06,580 2 9

I. H. TAUNTON,
Municipal Commissioner.

APPENDIX

IMPROVEMENT

GENERAL

EXPEN-

Statement showing the Actuals as compared with

Actuals for 1932-33.	PARTICULARS.	Actuals for 1933-34		
		Actuals for 1st ½ year ended 30-9-33.	Actuals for 2nd ½ year ended 31-3-34.	Total.
1	2	3	4	5
		Rs. a. p.	Rs. a. p.	Rs. a. p.
	A.—MAINTENANCE OF PROPERTIES & STREETS.			
	(*a*) Maintenance of Properties.			
44,338 15 8	I.—Lands Comprised in Schedule W..	4,951 10 10	19,198 5 8	24,150 0 6
13,900 11 4	II..—Lands Comprised in Schedule X..	1,034 15 10	8,401 4 3	9,436 4 1
9,496 4 0	III.—Lands Comprised in Schedule Y..	3 0 0	4,805 4 0	4,808 4 0
18 0 0	IV.—Lands Comprised in Schedule Z..	....	8 15 0	8 15 0
	V.—Other Lands and Buildings—			
6,32,658 12 7	(1) Schemes	2,00,564 7 4	4,44,568 14 2	6,45,133 5 6
6,34,305 4 1	(2) Chawls Permanent	1,45,088 12 9	2,61,945 1 1	4,07,033 13 10
49,478 14 8	(3) S. P. Sheds	13,954 1 7	24,167 15 5	38,122 1 0
93,449 13 6	(*b*) Maintenance of Streets	28,333 11 2	29,673 8 10	58,007 4 0
14,77,646 11 10		3,93,930 11 6	7,92,769 4 5	11,86,699 15 11
....	....	....	....	....
	B.—COST OF MANAGEMENT & ESTABLISHMENT.			
	(*a*) Corporation & Standing Committee	....	....	....
	(*b*) Municipal Commissioner's Office Establishment	17,737 7 3	12,337 8 0	30,074 15 3
	(*c*) Audit & Accounts Establishment..	72,172 8 6	38,435 10 11	1,10,608 3 5
13,09,247 6 6	(*d*) Estate & Land Manager's Dept. ..	1,60,173 13 7	1,52,868 0 5	3,13,041 14 0
	(*e*) City Engineer's Dept.	72,480 7 8	71,414 14 2	1,43,895 5 10
	(*f*) General Stores	....	....	....
	(*g*) Incidental Expenses	20,862 15 1	81,177 13 0	1,02,040 12 1
	(*h*) Terminal Charges	16,340 0 0	....	16,340 0 0
	D.—Proportionate charge on account of Municipal Supervision	....	† 30,866 5 8	30,866 5 8
	Proportionate Share charged to Municipal Account	....	Cr. 39,828 14 2	Cr. 39,828 14 2
13,09,247 6 6	Total B.—Cost of Management & Establishment ..	3,59,767 4 1	3,47,271 6 0	7,07,038 10 1
5,68,211 0 0	*Less.*—Charged to Capital Account ..	1,55,635 3 1	1,50,022 0 0	3,05,657 3 1
7,41,036 6 6	Do. General Account ..	2,04,132 1 0	1,97,249 6 0	4,01,381 7 0
13,09,247 6 6		3,59,767 4 1	3,47,271 6 0	7,07,038 10 1
	C.—DEBT CHARGES.			
89,68,611 12 3	I—Interest on Loans	34,03,520 15 0	56,89,693 11 11	90,93,214 10 11
6,95,124 0 0	II.—Appropriation for reduction or avoidance of Debt.	3,47,562 0 0	3,82,223 3 0	7,29,785 3 0
96,63,735 12 3	Total C.—Debt Charges	37,51,082 15 0	60,71,916 14 11	98,22,999 13 11
86 0 0	Miscellaneous Unclaimed Deposits (paid).	1,685 0 0	....	1,685 0 0
1,11,41,468 8 1	Total ..	41,46,698 10 6	68,64,686 3 4	1,10,11,384 13 10
5,63,727 6 6	E.—PROPORTIONATE CHARGE. On account of cost of Management and Establishment Chargeable to Capital Account	....	3,05,657 3 1	3,05,657 3 1
1,17,05,195 14 7	Grand Total ..	41,46,698 10 6	71,70,343 6 5	1,13,17,042 0 11

† As per Standing Committee Resolution No. 665 of 26th September 1934.

M. R. TAMBE.
Chief Accountant.

No. 25.

SCHEMES.

ACCOUNT.

DITURE.

the Final Sanctioned Grants for 1933–1934 *and the Actuals for the preceding year.*

Final grants sanctioned for Expenditure during 1933-34.	Final grants compared with the Actuals.			Compared with the Actuals of 1932-33.	
	Balance Unexpended.	Required to be renewed in 1934-35.	Savings.	Increase.	Decrease.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
30,427 0 0	6,276 15 6	....	6,276 15 6	....	20188 15 2
11,933 0 0	2,496 11 11	....	2,496 11 11	....	4,464 7 3
5,735 0 0	926 12 0	....	926 12 0	....	4,688 0 0
10 0 0	1 1 0	....	1 1 0	....	9 1 0
7,14,928 0 0	69,794 10 6	348 0 0	69,446 10 6	12,474 8 11	....
4,63,155 0 0	56,121 2 2	1,427 0 0	54,694 2 2	....	2,27,271 6 3
41,055 0 0	2,932 15 0	18 0 0	2,914 15 0	....	11,356 13 8
78,528 0 0	20,520 12 0	996 0 0	19,524 12 0	....	35,442 9 6
13,45,771 0 0	1,59,071 0 1	2,789 0 0	1,56,282 0 1	12,474 8 11	3,03,421 4 10
....	....	....	*—7,056 0 0	....	....
7,28,239 0 0	....	526 0 0	14,144 5 11		6,02,208 12 5
	....	1,043 0 0			
	....	4,999 0 0			
	....	283 0 0			
	21,200 5 11	....			
		205 0 0			
7,28,239 0 0	21,200 5 11	7,056 0 0	14,144 5 11	....	6,02,208 12 5
2,92,239 0 0	—13,418 3 1		—13,418 3 1		
4,36,000 0 0	34,618 9 0		27,562 9 0		
7,28,239 0 0	21,200 5 11		14,144 5 11		
92,50,788 13 0	1,57,574 2 1	92,030 15 0	65,543 3 1	....	....
7,29,785 3 0	....	....	....	....	....
99,80,574 0 0	1,57,574 2 1	92,030 15 0	65,543 3 1	1,59,264 1 8	....
....	—1,685 0 0	....	—1,685 0 0	1,599 0 0	....
1,13,26,345 0 0	3,14,960 2 2	1,01,875 15 0	2,13,084 3 2	1,73,337 10 7	3,03,421 4 10
2,92,239 0 0	—13,418 3 1	....	—13,418 3 1	....	2,58,070 3 5
1,16,18,584 0 0	3,01,541 15 1	1,01,875 15 0	1,99,666 0 1	1,73,337 10 7	5,61,491 8 3

* Rs. 7,056 represent expenditure on 'B'—Cost of Management & Establishment to be allocated at the end of the year.

I. H. TAUNTON,
Municipal Commissioner.

Appendix

IMPROVEMENT

Balance Sheet—(Capital Account)

LIABILITIES—	Rs. a. p.	Rs. a. p.
LOANS OUTSTANDING.—		
(*Vide* details as shown in appendix No. 30)		17,21,67,875 13 0
Book value of lands Comprised in Schedules "W" and "X" ..		47,96,418 0 0
Special grants from the Government of India		54,00,000 0 0
SURPLUS—		
Sale proceeds of lands and Buildings—		
Sale proceeds upto 31st March 1933	2,57,76,030 5 3	
Sale proceeds during 1933–1934	11,89,406 4 5	
	2,69,65,436 9 8	
Sinking Fund on Loans	1,91,09,981 1 0	
Loans redemption Fund..	**15,033 3 0	
	4,60,90,450 13 8	
Deduct—		
Revenue Deficits.—		
Deficits upto 31st March 1933	1,46,83,018 6 3	
Deficit during 1933–1934	12,75,352 1 3	
	1,59,58,370 7 6	
		3,01,32,080 6 2
Total Rs. ..		21,24,96,374 3 2

** The amount standing to the Credit of " Loans Redemption Fund Account " as at 31st March 1934 should be Rs. 26,124–3–0. The difference of Rs. 11091, represents the first instalment on account of the repayment of principal amount due on 31st March 1933 in respect of the advance of Rs. 35 lakhs taken from Government by the Bombay Improvement Trust on 31st March 1932. Although the amount was paid to Government on the due date, a corresponding debit was not raised in the Trust Accounts for 1932-33 under General Acccount against the budget provision which was allowed to lapse. The necessary funds will be asked for in the year 1934-35 and on receipt of the Sanction of the Corporation, the entry will be passed in the accounts for 1934–35.

M. R. TAME,

Chief Accountant.

No. 26.

SCHEMES.

as at 31st March 1934.

ASSETS—			Rs. a. p.	Rs. a. p.
BLOCK ACCOUNT—				
Property and Assets at original cost as per Appendix No. 27 ..				18,34,46,044 0 9
Book value of lands comprised in Schedules "W" and "X" as per Appendix No. 28. (Section 91 A of the Municipal Act) ..				47,96,418 0 0
	In Securities.		In Cash.	
	Face Value	Actual Cost.	Cash Deposits.	
SINKING FUNDS—	Rs.	Rs. a. p.	Rs. a. p.	
As per Appendix No. 29	†† 1,82,63,600 £ .90,800	1,91,09,959 8 0	21 9 0	1,91,09,981 1 0
CAPITAL FUNDS—	Rs.	Rs. a. p.	Rs. a. p.	
4 per cent. Loan 1960–70	42,700	37,415 14 0		
4½ per cent Bombay Improvement Trust Debentures	12,50,000	12,50,000 0 0		
6 per cent. Bombay Improvement Trust Debentures	38,56,400	38,56,400 0 0		
Cash with the Imperial Bank of India			115 3 5	
	51,49,100	51,43,815 14 0	115 3 5	§§ 51,43,931 1 5
			Total Rs. ..	21,24,96,374 3 2

§§ Against this, there is a liability to the extent of Rs. 1,01,876, on account of outstanding charges for 1933-34 and previous years payable in the year 1934–35.

†† For Face, Book and Market values of each kind of securities on 31st March 1934, please see Appendix No. 31.

I. H. TAUNTON,

Municipal Commissioner.

Appendix No. 27.

IMPROVEMENT SCHEMES.

Block Account showing details of Capital Expenditure upto 31st March 1934.

Particulars.	Capital Expenditure upto 31st March 1933.	Expended during the year.			Total Capital Expenditure upto 31st March 1934.
		During the half-year ending 30th September 1933.	During the half-year ending 31st March 1934.	Total.	
CAPITAL ACCOUNT.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
IMPROVEMENT AND STREET SCHEMES—					
Schedule W Lands	12,78,129 4 5	....	....	....	12,78,129 4 5
„ X „	16,21,966 2 6	....	....	....	16,21,966 2 6
„ Z „	8 0 0	....	....	....	8 0 0
Scheme No.					
1 First Nagpada	29,16,098 10 6	....	....	....	29,16,098 10 6
2 Princess Street	85,08,864 9 4	....	....	....	85,08,864 9 4
3 Sandhurst Road	1,13,48,175 10 6	1,474 4 10	4,748 14 11	6,223 3 9	1,13,54,398 14 3
4 Gamdevi	22,88,002 11 9	*Cr.* 1 0 0	....	*Cr.* 1 0 0	22,88,001 11 9
5 Dadar-Matunga	95,04,108 5 1	6,331 5 9	62,474 8 1	68,805 13 10	95,72,914 2 11
6 Sion-Matunga	92,52,510 14 11	*Cr.* 13,484 6 1	32,244 7 11	18,760 1 10	92,71,271 0 9
7 Colaba Reclamation	4,78,538 1 10	....	....	....	4,78,538 1 10
8 Mandvi Koliwada	26,52,501 4 2	....	....	....	26,52,501 4 2
13 Souter Street Extension—Eastwards	68,101 8 5	....	....	....	68,101 8 5
27 Mathew Road	14,07,399 2 4	....	....	....	14,07,399 2 4
29 Nowroji Hill	83,99,890 3 10	46 4 3	1,147 12 10	1,194 1 1	84,01,084 4 11
30 Souter Street Extension—Westwards	1,30,511 15 4	....	....	....	1,30,511 15 4
31 Parel	85,67,106 4 6	*Cr.* 90 6 8	93,217 0 10	93,126 10 2	86,60,232 14 8
32 East Agripada	50,02,778 12 4	5,449 11 1	23,308 4 7	28,757 15 8	50,31,536 12 0
33 Bhatwadi	3,28,432 8 4	....	....	....	3,28,432 8 4
36 Lamington Road	2,91,191 6 8	....	....	....	2,91,191 6 8
37 Sydenham Road	1,38,93,289 11 0	1,534 13 10	7,260 14 2	8795 12 0	1,39,02,085 7 0
41 Undria Street	5,62,177 3 3	....	....	....	5,62,177 3 3
43 Parel Road Central	38,50,774 13 6	6,421 4 5	8,715 15 6	15,137 3 11	38,65,912 1 5
47 Parel Road Northern	52,35,894 15 4	1,772 2 10	6,057 9 7	7,829 12 5	52,43,724 11 9
49 Nepean Sea Road—Reclamation...	3,053 7 8	....	....	....	3,053 7 8
50 Mazagaon Street Scheme	32,43,320 2 9	411 11 7	738 10 6	1,150 6 1	32,44,470 8 10
52 Worli Street	2,26,64,074 3 5	16,232 3 3	53,816 6 7	70,048 9 10	2,27,34,122 13 3
53 Foras Road Street Scheme ..	36,78,428 12 11	....	....	....	36,78,428 12 11
54 Kolbhatwadi Improvement Scheme	21,54,125 5 10	13,236 0 0	23,178 0 0	36,414 0 0	21,90,539 5 10
56 Dharavi Street	69,30,435 7 7	*Cr.* 4,110 2 0	2,134 5 9	*Cr.* 1,975 12 3	69,28,459 11 4
57 Sewri-Wadala	1,85,38,532 10 4	*Cr.* 2,249 12 11	*Cr.* 1,202 8 1	*Cr.* 3,452 5 0	1,85,35,080 5 4
58 Worli Extension	36,40,404 4 6	8 15 0	24 8 0	33 7 0	36,40,437 11 6
59 Sewri Koliwada	5,50,202 7 3	....	....	....	5,50,202 7 3
60 Naigaum Street	71,46,304 0 8	7,989 14 4	43,767 5 6	51,757 3 10	71,98,061 4 6
61 Fergusson Road	15,66,190 2 5	....	....	....	15,66,190 2 5
62 Love Lane	16,15,897 3 6	....	....	....	16,15,897 3 6
66 Mahaluxmi	4,77,745 15 3	....	....	....	4,77,745 15 3
69 Widening of Byculla Bridge ..	7,20,289 12 8	....	....	....	7,20,289 12 8
71 Chaupati Street	22,817 5 0	....	563 13 0	563 13 0	23,381 2 0
.. Chaupati Reclamation	1,889 6 6	....	....	....	1,889 6 6
	17,05,40,163 0 1	40,972 15 6	3,62,196 1 8	4,03,169 1 2	17,09,43,332 1 3
POLICE ACCOMMODATION SCHEMES—					
Scheme No.					
14 First Nagpada	84,449 12 0	....	....	....	84,449 12 0
16 Wodehouse Road Estate	3,22,666 15 1	....	....	....	3,22,666 15 1
17 Duncan Road	58,980 10 6	....	....	....	58,980 10 6
18 Shepherd Road	36,223 9 8	....	....	....	36,223 9 8
19 Agripada Estate	1,79,119 10 8	....	....	....	1,79,119 10 8
23 Connaught Road Estate	79,495 9 11	....	....	....	79,495 9 11
24 Princess Street Estate	2,65,953 6 10	....	....	....	2,65,953 6 10
25 Gamdevi Estate	1,29,406 10 1	....	....	....	1,29,406 10 1
34 Lamington Road	4,61,023 13 10	....	....	....	4,61,023 13 10
35 Sandhurst Road West	1,46,104 1 3	....	....	....	1,46,104 1 3
Carried forward ..	17,63,424 3 10				17,63,424 3 10

Appendix No. 27—*continued.*

IMPROVEMENT SCHEMES.

Block Account showing details of Capital Expenditure upto 31*st March* 1934.

	Capital Expenditure upto 31st March 1933.	Expended during the year.			Total Capital Expenditure upto 31st March 1934.
		During the half-year ending 30th September 1933.	During the half-year ending 31st March 1934.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over ..	17,63,424 3 10	....	....	....	17,63,424 3 10
Scheme No.					
39 Sandhurst Road East	7,58,892 9 1	....	....	....	7,58,892 9 1
40 Byculla	8,28,410 10 11	....	....	....	8,28,410 10 11
44 Maharbaudi	2,71,433 9 4	....	....	....	2,71,433 9 4
45 Paltan Road	5,71,491 12 7	....	....	....	5,71,491 12 7
46 Naigaum	5,69,142 0 3	....	....	....	5,69,142 0 3
48 Mahim	4,53,031 9 6	....	....	....	4,53,031 9 6
55 Chinchbunder Road	4,32,656 1 11	....	....	....	4,32,656 1 11
55A Mazagaon	4,53,560 0 9	....	....	....	4,53,560 0 9
63 King's Circle (Matunga)	4,82,184 14 7	....	....	....	4,82,184 14 7
67 Naigaum (for Armed Police and Recruits)	24,42,031 5 0	....	....	....	24,42,031 5 0
70 Arthur Road	1,58,357 8 0	....	....	....	1,58,357 8 0
	91,84,616 5 9	....	....	....	91,84,616 5 9
Mill Company's Chawl Schemes— Scheme No.					
42 Spring Mills	5,18,990 0 6	....	....	....	5,18,990 0 6
51 Century Mills	1,29,979 10 10	....	....	....	1,29,979 10 10
65 David Mills	2,96,852 7 4	....	....	....	2,96,852 7 4
	9,45,822 2 8	....	....	....	9,45,822 2 8
Miscellaneous—					
Survey of the Island of Bombay Administrative Offices, etc. ..	1,06,121 9 11	*Cr.* 75 0 0	....	*Cr.* 75 0 0	1,06,046 9 11
Building on Esplanade Road near Queen's Statue	3,21,562 11 1	....	....	....	3,21,562 11 1
Engineer's Office at Matunga ..	1,38,467 11 9	....	....	....	1,38,467 11 9
Central Stores at the back of Frere Fletcher School	15,656 5 8	....	....	....	15,656 5 8
Store yard at Agripada, etc.	1,28,464 8 11	7,929 4 2	*Cr.* 12,610 14 9	*Cr.* 4,681 10 7	1,23,782 14 4
Workshop for Motor Lorries at Agripada	90,367 12 11	....	....	....	90,367 12 11
Tools and Plant	91,453 15 10	*Cr.* 1,989 15 8	*Cr.* 4,452 5 6	*Cr.* 6,442 5 2	85,011 10 8
Refund of preliminary expenses to Government	38,018 11 7	....	....	....	38,018 11 7
	9,30,113 7 8	*Cr.* 5,864 4 6	*Cr.* 17,063 4 3	11,198 15 9	9,18,914 7 11
Discount on Loans	....	....	†14,53,358 15 2	14,53,358 15 2	14,53,358 15 2
Grand Total ..	18,16,00,715 0 2	46,837 4 0	*17,98,491 12 7	*18,45,329 0 7	18,34,46,044 0 9

† In the accounts of the B. I. Trust prior to amalgamation the net receipts on account of loans were shown instead of the full loan liability. The net receipts were less than the actual loan liability by Rs. 14,53,358-15-2. The necessary adjusting entry was therefore passed in the half-yearly accounts ending 31st March 1934 after amalgamation.

* These figures include Rs. 3,05,657-3-1 being the share of cost of Management and Establishment chargeable to Capital account.

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 28.

IMPROVEMENT SCHEMES.

Statement showing Capital value of Scheduled Lands as specified in the Schedules W, X, Y and Z annexed to Act XIII of 1933.

Properties.	Area.	Book value.	Total amount.
SCHEDULE "W."	Sq. yds.	Rs.	Rs.
The Flats	12,52,834	1,14,191	
„ Kennedy Sea Face	4,447	.....	
(Cooperage Plot resumed by Government.)			
The Marine Lines Estate	32,825	3,28,250	
(Marine Lines Maidan resumed by Government).			
The Wellington Lines Plot	44,038	4,40,380	
„ Wodehouse Road Plot	41,580	4,15,800	
„ Hornby Road Plot	41,616	8,32,320	
„ Triangular Plot South of Crawford Market ..	7,707	1,54,140	
„ Plot North of Municipal Offices	6,811	2,04,330	
„ Chaupati West Estate	1,11,276	6,37,320	
„ Chaupati East Estate	4,789	47,890	
„ Parel Estate	46,696	1,40,088	33,14,709
SCHEDULE "X."			
The Connaught Road Estate	13,858	77,237	
„ West Agripada Estate	2,27,971	6,64,534	
„ Central Agripada Estate	2,911	10,528	
„ East Agripada Estate	65,885	6,38,426	
„ Lands at Matunga	86,187	90,984	14,81,709
SCHEDULE "Y."			
The Nepean Sea Road Plot	2,014	.....	
„ Colaba Reclamation	46,580	.....	.....
SCHEDULE "Z"			
The Hornby Road Plot	3,250	.....	.....
			47,96,418

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 29.

IMPROVEMENT SCHEMES.

SINKING FUND.

STATEMENT showing the actual Investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1934, compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1934.

NAME OF LOAN.	Amount raised.	When raised.	When repayable.	Amount of Half Yearly Sinking Fund Instalment.	Amount of Sinking Fund which should have accumulated upto 31st March 1934 at Compound Interest.
1	2	3	4	5	6
	Rs.			Rs.	Rs.
4½ per cent. basis					
5 *per cent.* Debenture Loan	40,00,000	10th November 1919.	1st November 1957 .. / 1st November 1979 ..	6,696	2,57,288
6 *per cent.* Do.	70,00,000	30th Apr. 1920.	1st April 1935 .. .. / 1st April 1980	12,002	4,39,281
6 *per cent.* Do.	2,75,00,000	1st Nov. 1920..	1st November 1935 ..	46,035	16,02,815
6 *per cent.* Do.	95,00,000	1st Nov. 1921..	1st November 1935 ..	15,903	4,98,836
4½ *per cent.* Do.	45,00,000	20th Feb. 1922.	20th February 1982 ..	7,533	2,11,434
4½ *per cent.* Do.	52,00,000	2nd Oct. 1922	2nd October 1982	8,705	2,44,329
4½ *per cent.* Do.	8,00,000	22nd Jan. 1923.	22nd January 1983 ..	1,339	35,446
4½ *per cent.* Do.	82,00,000	Do. ..	Do.	13,727	3,63,381
4½ *per cent.* Do.	30,00,000	14th Mar. 1923.	14th March 1983	5,022	1,32,943
4½ *per cent.* Do.	40,00,000	2nd Nov. 1923..	2nd November 1983 ..	6,696	1,66,807
4½ *per cent.* Do.	20,00,000	2nd Jan. 1924	2nd January 1984 ..	3,348	78,294
4½ *per cent.* Do.	29,00,000	5th Mar. 1924	5th March 1984	4,855	1,13,536
4½ *per cent.* Do.	20,00,000	1st Nov. 1924..	1st November 1984 ..	3,348	73,297
4½ *per cent.* Do.	60,00,000	10th Nov. 1924.	10th November 1984 ..	10,044	2,19,891
4½ *per cent.* Do.	20,00,000	2nd Jan. 1925	2nd January 1985 ..	3,348	68,410
4½ *per cent.* Do.	20,00,000	2nd Oct. 1925	2nd October 1985	3,348	63,631
4½ *per cent.* Do.	15,00,000	2nd Nov. 1925..	2nd November 1985 ..	2,511	47,723
4½ *per cent.* Do.	35,00,000	2nd Jan. 1926	2nd January 1986 ..	5,859	1,03,172
Rs. ..	9,56,00,000			Total Rs.	47,20,514
4 per cent. basis.					
4 *per cent.* Rupee Coupon debenture Loan	50,00,000	1st Nov. 1899..	1st November 1959 ..	10,564	(a) 14,85,422
4 *per cent.* Debenture Loan	30,00,000	6th Sept.1901..	6th September 1961 ..	6,280	8,01,169
4 *per cent.* Do.	30,00,000	15th July 1902	15th July 1962	6,280	7,57,866
4 *per cent.* Do.	60,00,000	20th Aug. 1903	20th August 1963	12,560	14,32,488
4 *per cent.* Do.	50,00,000	7th Sept. 1904	7th September 1964 ..	10,493	(b) 11,26,138
4 *per cent.* Do.	30,00,000	12th Sept. 1905	12th September 1965 ..	6,280	6,37,785
5 *per cent.* Do.	25,00,000	17th Sept. 1926	16th September 1956 .. / 16th September 1986 ..	5,233	83,591
4½ *per cent.* Do.	20,00,000	7th Nov. 1928.	1st November 1938 ..	4,187	40,843
5½ *per cent.* Do.	25,00,000	4th Nov. 1929.	1st November 1944 ..	5,233	44,915
6 *per cent.* Do.	20,00,000	25th Nov. 1930	1st November 1936 ..	4,187	26,412
6½ *per cent.* Do.	30,00,000	24th Nov. 1931.	1st November 1937 ..	6,280	25,883
5 *per cent.* Do.	10,00,000	31st Mar. 1933.	31st March 1963	9,814	19,800
Rs. ..	3,80,00,000			Total Rs.	64,82,312
3½ per cent. basis.					
4 *per cent.* Debenture Loan	25,00,000	4th Oct. 1927	4th April 1961 .. .. / 4th October 1970	12,695	1,67,892
Rs. ..	25,00,000			Total Rs...	1,67,892
3 per cent. basis.					
4 *per cent.* Debenture Loan	20,00,000	2nd Oct. 1906..	2nd October 1966	6,148	(c) 5,05,707
4 *per cent.* Do.	15,00,000	24th Sept. 1907	24th September 1967 ..	4,610	3,59,234
4 *per cent.* Do.	30,00,000	8th Sept. 1908	8th September 1968 ..	9,219	6,79,282
4 *per cent.* Sterling Coupon Debenture Loan	84,99,000	1st July 1909..	1st July 1969	25,654	18,37,049
4 *per cent.* Do.	49,95,000	1st July 1910..	1st July 1970	15,077	10,18,481
4 *per cent.* Debenture Loan	25,00,000	28th Aug. 1912	28th August 1972	7,683	4,45,023
4 *per cent.* Do.	18,00,000	26th Aug. 1913	26th August 1973	5,532	3,00,210
4 *per cent.* Do.	50,00,000	4th Aug. 1914	4th August 1974	15,365	7,79,311
4 *per cent.* Do.	25,00,000	3rd Jan. 1916..	3rd January 1976	7,683	3,63,221
Rs. ..	3,17,94,000			Total Rs.	62,87,518
Grand Total ..	16,78,94,000		Grand	Total Rs.	1,76,58,236

NAME OF FUND.	Amount actually invested upto 31st March 1934.				Amount of interest accrued upto 31st March 1934, collected and invested in 1934-35.	Total of Columns 5 and 6.
	Amount of Sinking Fund invested upto 30th September 1933.	Sinking Fund Instalments paid from 1st October 1933 to 31st March 1934.	Interest etc. accumulations invested from 1st October 1933 to 31st March 1934.	Total.		
1	2	3	4	5	6	7
Sinking Funds	1,83,33,350 10 0	3,67,190 0 0	4,09,440 7 0	1,91,09,981 1 0	1,38,677 5 8	1,92,48,658 6 8
In Public Securities as detailed in Appendix No. 31				1,91,09,959 8 0		
In Cash with the Imperial Bank of India.				21 9 0		
Total ..				1,91,09,981 1 0	1,38,677 5 8	1,92,48,658 6 8

(a) 16 instalments of Rs. 10,240 each and the rest at Rs. 10,564.
(b) 5 instalments of Rs. 10,240 each and the rest at Rs. 10,493.
(c) 1 instalment of Rs. 6,037 and the rest at Rs. 6,148.

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

Appendix C

IMPROVEMENT

Statement showing outstanding loans of the Bombay Improvement Trust due by the payable for the year 1933-34, *the amount paid during that year and the*

No.	Particulars of Loans.	Amount raised.	Balance due on 1st April 1933.	Rate of Interest.	Amount raised in 1933-34.	Total.
1	2	3	4	5	6	7
	Loans raised from Government.	Rs.	Rs. a. p.			Rs. a. p.
1	275 Lakhs Loan 1920	2,75,00,000	2,75,00,000 0 0	6½%	.....	2,75,00,000 0 0
2	95 „ 1921	95,00,000	95,00,000 0 0	6½%	.....	95,00,000 0 0
3	45 „ 1922	45,00,000	34,42,397 0 0	4½%	.....	34,42,397 0 0
			10,57,603 0 0	4½%	.....	10,57,603 0 0
4	52 „ October 1922	52,00,000				
5	8 „ 22nd January 1923	8,00,000	1,31,57,603 0 0	5½%	.....	1,31,57,603 0 0
6	82 „ 22nd January 1923	82,00,000	40,42,397 0 0	4½%	.....	40,42,397 0 0
7	30 „ 14th March 1923	30,00,000				
8	40 „ 2nd November 1923	40,00,000	70,00,000 0 0	6% up to 30-9-33, 5½% from 1-10-33.	.....	70,00,000 0 0
9	20 „ 2nd January 1924	20,00,000	19,00,000 0 0	4½%	.....	19,00,000 0 0
10	29 „ 5th March 1924	29,00,000				
11	20 „ 1st November 1924	20,00,000	84,00,000 0 0	5½% up to 30-9-33, 5% from 1-10-33.	.....	84,00,000 0 0
12	60 „ 10th November 1924	60,00,000	16,00,000 0 0	4½%	.....	16,00,000 0 0
13	20 „ 2nd January 1925	20,00,000				
14	20 „ 2nd October 1925	20,00,000	66,50,000 0 0	5½%	.....	66,50,000 0 0
15	15 „ 2nd November 1925	15,00,000	3,50,000 0 0	4½%	.....	3,50,000 0 0
16	35 „ 2nd January 1926	35,00,000				
17	35 „ 31st March 1932	35,00,000	34,88,909 0 0	6½% up to 30-9-33, 6% from 1-10-33.	.....	34,88,909 0 0
18	8 „ 1st November 1932	8,00,000	8,00,000 0 0	5½%	.....	8,00,000 0 0
	Total loans raised from Government ..	8,89,00,000	8,88,88,909 0 0		.....	8,88,88,909 0 0
	Loans raised from the Public.					
1	50 Lakhs 1899 Rupee Coupon Debenture Loan	50,00,000	50,00,000 0 0	4 %	.....	50,00,000 0 0
2	30 Lakhs Loan 1901	30,00,000	30,00,000 0 0	4 %	.....	30,00,000 0 0
3	30 „ 1902	30,00,000	30,00,000 0 0	4 %	.....	30,00,000 0 0
4	60 „ 1903	60,00,000	60,00,000 0 0	4 %	.....	60,00,000 0 0
5	50 „ 1904	50,00,000	50,00,000 0 0	4 %	.....	50,00,000 0 0
6	30 „ 1905	30,00,000	30,00,000 0 0	4 %	.....	30,00,000 0 0
7	20 „ 1906	20,00,000	20,00,000 0 0	4 %	.....	20,00,000 0 0
8	15 „ 1907	15,00,000	15,00,000 0 0	4 %	.....	15,00,000 0 0
9	30 „ 1908	30,00,000	30,00,000 0 0	4 %	.....	30,00,000 0 0
10	Sterling Coupon Debenture Loan 1909..	84,99,000	84,99,000 0 0	4 %	.....	84,99,000 0 0
		£ 5,66,600	£ 5,66,600 0 0			£ 5,66,600 0 0
11	„ „ „ 1910..	49,95,000	49,95,000 0 0	4 %	.....	49,95,000 0 0
		£ 3,33,000	£ 3,33,000 0 0			£ 3,33,000 0 0
12	25 Lakhs Loan 1912	25,00,000	25,00,000 0 0	4 %	.....	25,00,000 0 0
13	18 „ 1913	18,00,000	18,00,000 0 0	4 %	.....	18,00,000 0 0
14	50 „ 1914	50,00,000	50,00,000 0 0	4 %	.....	50,00,000 0 0
15	25 „ 1916	25,00,000	25,00,000 0 0	4 %	.....	25,00,000 0 0
16	40 „ 1919	40,00,000	40,00,000 0 0	5 %	.....	40,00,000 0 0
17	70 „ 1920	70,00,000	70,00,000 0 0	6 %	.....	70,00,000 0 0
18	25 „ 1926	25,00,000	25,00,000 0 0	5 %	.....	25,00,000 0 0
19	25 „ 1927	25,00,000	25,00,000 0 0	4 %	.....	25,00,000 0 0
20	20 „ 1928	20,00,000	20,00,000 0 0	4½%	.....	20,00,000 0 0
21	25 „ 1929	25,00,000	25,00,000 0 0	5½%	.....	25,00,000 0 0
22	20 „ 1930	20,00,000	20,00,000 0 0	6 %	.....	20,00,000 0 0
23	30 „ 1931	30,00,000	30,00,000 0 0	6½%	.....	30,00,000 0 0
24	10 „ 1933	10,00,000	10,00,000 0 0	5 %	.....	10,00,000 0 0
	Total Loans raised from the Public	8,32,94,000	8,32,94,000 0 0		.....	8,32,94,000 0 0
	Grand Total.	17,21,94,000	17,21,82,909 0 0		.....	17,21,82,909 0 0

M. R. TAMBE,
Chief Accountant.

No. 30.

SCHEMES.

Municipality, the interest outstanding on 1st April 1933, on the different loans, the amount balances outstanding on 31st March 1934.

Amount repaid in 1933-34.	Balance due on 31st March 1934.	Interest outstanding on 1st April 1933.	Interest payable in 1933-34.	Total interest due.	Deduct interest paid during the year.	Outstanding balance on 31st March 1934.	REMARKS.
8	9	10	11	12	13	14	15
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
....	2,75,00,000 0 0	....	20,64,582 0 0	20,64,582 0 0	20,64,581 8 0	0 8 0	
....	95,00,000 0 0	....	7,13,219 0 0	7,13,219 0 0	7,13,219 0 0	....	
....	32,97,236 0 0 (a)	....	2,11,106 0 0	2,11,106 0 0	2,11,105 14 0	0 2 0	
....	12,02,764 0 0 (a)	....					
....	1,26,02,764 0 0	....					
....	45,97,236 0 0 (b)	....	9,05,576 3 0	9,05,576 3 0	9,05,576 3 0	....	
....	67,00,000 0 0 (c)	....					
....	22,00,000 0 0 (c)	....	5,05,500 0 0	5,05,500 0 0	4,79,465 15 0	26,034 1 0	
....	82,00,000 0 0 (d)	....					
....	18,00,000 0 0 (d)	....	5,55,000 0 0	5,55,000 0 0	5,23,758 5 0	31,241 11 0	
....	66,00,000 0 0 (e)	....					
....	4,00,000 0 0 (e)	....	3,81,500 0 0	3,81,500 0 0	3,81,500 0 0	....	
11,784 3 0	34,77,124 13 0	....	2,18,056 10 0	2,18,056 10 0	2,13,731 7 0	4,325 3 0	
3,249 0 0	7,96,751 0 0	....	44,000 0 0	44,000 0 0	44,000 0 0	....	
15,033 3 0	8,88,73,875 13 0	....	55,98,539 13 0	55,98,539 13 0	55,36,938 4 0	61,601 9 0*	
....	50,00,000 0 0	14,933 9 11	2,00,000 0 0	2,14,933 9 11	2,01,452 10 11	13,480 15 0	
....	30,00,000 0 0	970 0 0	1,20,000 0 0	1,20,970 0 0	1,17,910 0 0	3,060 0 0	
....	30,00,000 0 0	2,710 0 0	1,20,000 0 0	1,22,710 0 0	1,16,580 0 0	6,130 0 0	
....	60,00,000 0 0	3,970 0 0	2,40,000 0 0	2,43,970 0 0	2,38,200 0 0	5,770 0 0	
....	50,00,000 0 0	7,460 0 0	2,00,000 0 0	2,07,460 0 0	1,99,000 0 0	8,460 0 0	
....	30,00,000 0 0	2,820 0 0	1,20,000 0 0	1,22,820 0 0	1,20,880 0 0	1,940 0 0	
....	20,00,000 0 0	1,580 0 0	80,000 0 0	81,580 0 0	79,620 0 0	1,960 0 0	
....	15,00,000 0 0	1,090 0 0	60,000 0 0	61,090 0 0	58,730 0 0	2,360 0 0	
....	30,00,000 0 0	2,000 0 0	1,20,000 0 0	1,22,000 0 0	1,20,130 0 0	1,870 0 0	
....	84,99,000 0 0		3,04,052 0 0			2,100 0 0	
£	5,66,600 0 0	2,300 0 0		4,84,989 0 0	4,78,827 5 11	120 0 0	
....	49,95,000 0 0		1,78,637 0 0			3,941 10 1*	
£	3,33,000 0 0						
....	25,00,000 0 0	900 0 0	1,00,000 0 0	1,00,900 0 0	99,880 0 0	1,020 0 0	
....	18,00,000 0 0	1,590 0 0	72,000 0 0	73,590 0 0	70,920 0 0	2,670 0 0	
....	50,00,000 0 0	3,470 0 0	2,00,000 0 0	2,03,470 0 0	2,02,310 0 0	1,160 0 0	
....	25,00,000 0 0	....	1,00,000 0 0	1,00,000 0 0	1,00,000 0 0	....	
....	40,00,000 0 0	50 0 0	2,00,000 0 0	2,00,050 0 0	1,99,487 8 0	562 8 0	
....	70,00,000 0 0	....	4,20,060 0 0	4,20,060 0 0	4,20,060 0 0	....	
....	25,00,000 0 0	7,887 8 0	1,25,000 0 0	1,32,887 8 0	1,32,625 0 0	262 8 0	
....	25,00,000 0 0	40 0 0	1,00,000 0 0	1,00,040 0 0	99,850 0 0	190 0 0	
....	20,00,000 0 0	25,875 0 0	90,000 0 0	1,15,875 0 0	1,11,375 0 0	4,500 0 0	
....	25,00,000 0 0	....	1,37,500 0 0	1,37,500 0 0	1,36,083 12 0	1,416 4 0	
....	20,00,000 0 0	5,730 0 0	1,20,000 0 0	1,25,730 0 0	1,22,265 0 0	3,465 0 0	
....	30,00,000 0 0	5,525 0 0	1,95,000 0 0	2,00,525 0 0	1,95,991 4 0	4,533 12 0	
....	10,00,000 0 0	....	50,000 0 0	50,000 0 0	25,000 0 0	25,000 0 0	
....	8,32,94,000 0 0	90,901 1 11	36,52,249 0 0	37,43,150 1 11	36,47,177 8 10	92,030 15 0 3,941 10 1*	
15,033 3 0	17,21,67,875 13 0	90,901 1 11	92,50,788 13 0	93,41,689 14 11	§ 91,84,115 12 10	92,030 15 0 65,543 3 1*	

* To be treated as savings.

§ Includes payment of Rs. 90,901-1-11 out of the moneys placed with the banks in previous years by debit to the final head of account.

	Amount of loan outstanding on 1st April 1933.	Amount of debentures held by Govt. on 1st April 1933.	Amount of debentures re-purchased during 1933-34.	Amount of debentures held by Govt. on 31st March 1934.	Amount of debentures held by the Corporation on 31st March 1934.
	Rs.	Rs.	Rs.	Rs.	Rs.
(a)	45,00,000	34,42,397	1,45,161	32,97,236	12,02,764
(b)	1,72,00,000	1,31,57,603	5,54,839	1,26,02,764	45,97,236
(c)	89,00,000	70,00,000	3,00,000	67,00,000	22,00,000
(d)	1,00,00,000	84,00,000	2,00,000	82,00,000	18,00,000
(e)	70,00,000	66,50,000	50,000	66,00,000	4,00,000
Total Rs. ..	4,76,00,000	3,86,50,000	12,50,000	3,74,00,000	1,02,00,000

I. H. TAUNTON,
Municipal Commissioner.

Appendix No. 31.

IMPROVEMENT SCHEMES.

Comparison of Face, Purchase and Market Values at 31st March 1934 of the different Securities held in the Sinking Fund (vide para 48 of the Chief Accountant's report).

Particulars of Securities.	Face Value.	Book Value.	Market rate per cent.	Value at Market rates (B. I. Trust and Municipal Debentures being valued at par.)
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
4 per cent. Government Loan 1934-37	61,000	54,938 2 0	100 10 0	61,381 4 0
4 per cent. Government Loan 1960-70	6,00,000	5,30,625 0 0	102 15 0	6,17,625 0 0
5 per cent. Government Loan 1939-44	3,92,800	3,79,016 12 0	107 5 0	4,21,523 8 0
4 per cent. Bombay Port Trust Debentures	3,17,000	2,84,726 14 0	96 12 0	3,06,697 8 0
4 per cent. Bombay Municipal Debentures	2,14,500	2,08,588 2 0	Par	2,14,500 0 0
4 per cent. Bombay Improvement Trust Debentures	45,39,700	42,10,830 0 0	,,	45,39,700 0 0
4½ per cent. Bombay Improvement Trust Debentures	89,50,000	89,50,000 0 0	,,	89,50,000 0 0
5 per cent. Bombay Improvement Trust Debentures	9,81,500	9,05,409 10 0	,,	9,81,500 0 0
6 per cent. Bombay Improvement Trust Debentures	22,07,100	22,23,825 0 0	,,	22,07,100 0 0
4 per cent. B. I. Trust Sterling Debentures	£ 90,800	13,62,000 0 0	,, @ 1/6 1/16	12,06,477 8 1
	1,82,63,600 £ 90,800	1,91,09,959 8 0		1,95,06,504 12 1

M. R. TAMBE,
Chief Accountant.

I. H. TAUNTON,
Municipal Commissioner.

REVENUE.

No. MC/1078/SR of 27*th July* 1934.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit my Annual Report on the working of the Assessment and Collection Department during the year 1933-34.

I was in charge of the Department during the year except for a period of four months from 18th April 1933 to 17th August 1933 when I was on leave and Dy. Assessor Mr. S. N. Thosar acted as Assessor and Collector.

Rates of Taxation.—

The rates of taxation levied on lands and buildings in the City were the same as in the preceding year; namely, General Tax including Fire Tax at 11½ per cent., Water Tax at 3¾ per cent. and Halalkhor Tax at 3 per cent. The rates levied for the supply of water by meter measurement to different classes of properties continued the same as in the preceding year. The concession of compounded Water Tax levied at the rate of 1½ per cent. per annum on rateable value of such properties as *laganshalas*, schools, etc., under Rule II (*c*) of Water Charges Rules for the year 1932-33 was withdrawn, as it was considered obviously unfair to Municipal revenue to extend the concession to properties which were not entitled to exemption from General Tax under Section 143 (1*a*). The several institutions mentioned in the Rule were therefore charged water tax on rateable value at 3¾ per cent. per annum and the result was an increase of about Rs. 25,000 in the revenue from water tax.

Property Taxes.—

The total number of properties standing in the Assessment Book on 31st March 1934 was 47,749 classified into (1) Buildings 37,402, (2) Salt Pans 68 and (3) Lands, including tanks, wells, etc., 10,279, as against 47,255 on 31st March 1933. Of this number, 37,317 were assessed to General Tax, 1,482 were exempted from it under Section 143 (1*a*) of the Municipal Act and 7,280 were not taxed, being small plots of waste land, etc. These last do not include lands belonging to Government, or the City Improvement Trust, or the Port Trust, or the Railways, which are separately assessed. The number of Municipal properties exempted from General Tax during the year was 1,670.

Properties newly erected, demolished or enlarged in 1933-34 numbered 1,053, 1,013 and 887 respectively; the corresponding figures for the year 1932-33 being 731, 672 and 604: thus there was an increase in building activities in the City.

Gross Value on 1st April 1933 Rs. 14,24,83,887; on 31st March 1934 Rs. 14,32,51,802.

Rateable Value on 1st April 1933 Rs. 12,82,49,648; on 31st March 1934 Rs. 12,89,40,777.

Demand.—

	Rs.	a.	p.	Rs.	a.	p.
For 1933-34	2,33,63,105	12	0			
Add—						
Demand for previous years outstanding on the 1st April 1933	19,66,000	3	0			
Demand for previous years issued during the year..	2,54,672	12	0			
Government Contribution due in lieu of General Tax under Section 144 (3) of the Municipal Act, for 1932-33	5,44,201	12	0			
Supplementary claim for the quinquennium 1929-1934 in respect of vacant lands belonging to the Bombay Port Trust	272	0	0			
Total Demand ..	2,61,28,252	7	0			

Deduct.—

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Amount of bills for previous years recalled and cancelled	3,12,115 12 0		
Amount of Drawback allowed ..	3,40,981 5 0		
Excess amount of Government contribution shown in the Award	35 13 0		
		6,53,132 14 0	
		Total Net Demand ..	2,54,75,119 9 0

The total number of bills issued was 76,568, of which 75,752 were for 1933-34 and 816 for previous years.

Collection and Outstandings.—

Particulars	Amount collected during 1933-34. Rs. a. p.	Amount Oustanding on 31st March 1934. Rs. a. p.
(1) For 1933-34	1,94,94,151 12 10	18,79,647 11 2
(2) Government Contribution (for 1932-33)	5,44,165 15 0	(for 1933-34) 5,44,165 15 0
(3) Port Trust Contribution	11,04,159 0 0	.....
(4) Supplementary claim for the quinquennium 1929-1934 in respect of vacant lands belonging to the Bombay Port Trust	272 0 0	.....
(5) For past and previous years	14,28,817 11 9	4,79,739 7 3
Total ..	2,25,71,566 7 7	29,03,553 1 5

Tax on Vehicles and Animals.—

The following are the particulars of vehicles and animals taxed during the year (exclusive of those taxed under the Public Land Conveyances Act) :—

	No.
Four-wheeled vehicles drawn by animals	534
Two-wheeled vehicles drawn by animals	720
Horses (including those in commission stables)	1,531
Motor cars and lorries	6,388
Motor cycles	159
Motor cycles with side cars	74
Hand carts	1,422
Ponies	39
Bullocks	1,251
Buffaloes and donkeys	6

Demand.—

	Rs. a. p.	Rs. a. p.
For 1933-34	7,43,633 13 0	
Demand for previous years outstanding on 1st April 1933	62,173 13 0	
Demand for previous years issued during the year	22,077 12 0	
Total demand ..	8,27,885 6 0	
Deduct.—		
Amount of bills for previous years recalled and cancelled	11,532 8 0	
	Total Net demand ..	8,16,352 14 0

The total number of bills for tax on vehicles and animals issued was 29,451 ; 28,574 being for 1933-34 and 877 for previous years.

Collection and Outstandings.—

Particulars.	Amount collected during 1933-34.	Amount Outstanding on 31st March 1934.
	Rs. a. p.	Rs. a. p.
(1) For 1933-34	6,67,181 11 6	76,452 1 6
(2) For past and previous years	59,590 15 0	13,128 2 0
Total ..	7,26,772 10 6	89,580 3 6

Total Demand, Collection and Outstandings of all taxes.—

Particulars.	Demand in 1933-34.	Amount collected during 1933-34.	Amount Outstanding on 31st March 1934.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) Property taxes ..	2,54,75,119 9 0	2,25,71,566 7 7	29,03,553 1 5
(2) Vehicle and animal tax ..	8,16,352 14 0	7,26,772 10 6	89,580 3 6
Total ..	2,62,91,472 7 0	2,32,98,339 2 1	29,93,133 4 11

Thus the total amount outstanding on 31st March 1934 was Rs. 29,93,133-4-11 which, however, stood reduced on 30th June 1934 to Rs. 15,24,240-15-2 ; bills for Rs. 14,35,378-12-3 having in the meanwhile been collected and bills for Rs. 33,513-9-6 recalled and cancelled.

Comparison with Previous Years.—

The net demand for and the amount outstanding at the close of the year under report are compared with those for the preceding two years :—

Year.	Total net demand.	Outstanding on 31st March.	
	Rs.	Rs.	
1933-34 ..	2,62,91,472	29,93,133	
1932-33 ..	2,77,56,835	25,72,375	
1931-32 ..	2,79,05,121	53,75,830	As against this abnormal outstanding, Rs. 20,18,580, paid provisionally, by the textile mills were held in deposit due to the assessment of the mills being under dispute.

On 1st April 1934 the gross assessment was Rs. 14,29,68,630 against Rs. 14,24,83,887 on 1st April 1933.

Collection Estimated and Actual.—

The total estimated collection budgetted for 1933-34 was Rs. 2,34,34,500 but the amount collected was less by Rs. 1,36,160-13-11 as under :—

Taxes.	Budget Estimates.	Collection including adjustments.	Difference.
	Rs.	Rs. a. p.	Rs. a. p.
General tax including Fire tax	1,32,29,200	1,31,39,317 8 1	89,882 7 11
Water tax	62,68,000	62,48,945 8 9	19,054 7 3
Halalkhor tax	31,97,300	31,83,303 6 9	13,996 9 3
Tax on vehicles and animals	7,40,000	7,26,772 10 6	13,227 5 6
Total ..	2,34,34,500	2,32,98,339 2 1	*Less* 1,36,160 13 11

The following statements of comparative figures for 1933-34 and 1932-33 of (A) Rateable Value ; (B) General Tax ; (C) Water Tax ; (D) Halalkhor Tax ; (E) Total demand, collection and outstandings in respect of all taxes are appended as usual ; a statement (F) of particulars of various Riot-Taxes collected and to be collected has been given as was done last year ; and a new statement has been added for the first time, namely, (G) of particulars of properties the rateable values of which were revised and yielded an increase in each case of not less than Rs. 5,000.

Special reference may be made to the last statement which embodies, but only partially, the result of a systematic revision of assessment of properties during the last four years. From considerations of space, only those properties which on revaluation yielded an increase in rateable value of Rs. 5,000, or more, have been included in the statement. It will be seen that compared with 1929-30, the aggregate increase in rateable value of these properties which number 45 was Rs. 7,07,599 in 1933-34 being equivalent to Rs. 1,29, 137 in taxes. It is obvious that such revision of assessment helped appreciably in counteracting the effects of unfavourable trade conditions in depressing t he rental and rateable values of properties in the City. Another factor which helped in this direction was the notable revival of building activity consequent on the drop in the return from gilt-edged securities and cash deposits in Banks. During 1932-33 and 1933-34, 311 chawls with 5,356 tenements and 288 other buildings with 1,983 tenements were constructed as under and were assessed to property taxes :

Year.	Number of Chawls.	Number of Tenements.	Number of Other residential buildings.	Number of Tenements.
1932-33	126	1,971	125	730
1933-34	185	3,385	163	1,253
Total ..	311	5,356	288	1,983

Miscellaneous Receipts.—Miscellaneous receipts realised from notices of demand, distress warrants, Battaki fees, inspection fees and other items amounted to Rs. 6,828-4-1 against Rs. 7,355-6-3 in the preceding year.

Meter Hire.—Receipts from Meter Hire amounted to Rs. 62,220-1-0 against Rs. 62,269-8-0 for 1932-33 ; Rs. 3,605-13-0 remained uncollected at the close of the year.

Street Number Plates.—The balance outstanding on 31st March 1933 in respect of Street Number Plate bills was Rs. 19-4-0, of which Rs. 17-8-0 were collected during the year under report, and the balance of Rs. 1-12-0 in April 1934.

Exemptions.—The amount of exemption allowed in respect of General Tax on properties entitled to such exemption under sections 143 (1) (*a*) and (*b*), 144 (3) and 145 (3) of the Municipal Act was Rs. 9,18,378-15-0 against Rs. 9,46,358-15-0 for 1932-33. The remission of 10 $\frac{2}{3}$ per cent. allowed on account of trade depression in respect of General and Halalkhor taxes payable by the mills for the year under report amounted to Rs. 1,03,367-11-0 and Rs. 26,965-13-0 respectively.

Drawback.—The total number of claims for one-fifth drawback received during the year was 9,959 against 9,746 in the preceding year and the remission allowed on account of it was Rs. 3,40,981-5-0 against Rs. 3,63,647-0-0 in the preceding year.

Refund.—6,787 certificates for refund of taxes for amounts as under for 1933-34 and previous years were issued during the year under report :—

	Rs.	a.	p.
General Tax	3,47,117	4	0
Water tax on rateable value	56,052	8	0
Charges for water supplied by meter measurement ..	62	8	0
Compounded water tax	4	8	0
Halalkhor tax on value	96,078	9	0
Special Halalkhor tax	15	8	0
Tax on vehicles and animals	390	6	0
Meter Hire	302	1	0
Total ..	5,00,023	4	0

This amount includes Rs. 69,462-15-0 (General tax) and Rs. 18,120-14-0 (Halalkhor tax) allowed to mills by way of refund on account of closure and over-collection.

Complaints and Appeals against Valuations.—There were 966 complaints under section 167 of the Act against assessments amounting to Rs. 1,16,54,991 gross, fixed during the currency of the year; and 6,185 complaints under section 163 against original assessments amounting to Rs. 2,96,35,072 gross. The assessments were, on investigation of the complaints, reduced to Rs. 1,06,05,652 and Rs. 2,74,46,136, the reduction amounting to Rs. 10,49,339 and Rs. 21,88,936 giving a percentage of 9.003 and 7.39 respectively.

There were 99 appeals to the Chief Judge, Small Causes Court, during the year under report against valuations under section 162 (2) of the Municipal Act. Of these, 76 appeals were settled out of Court, 2 were dismissed, 9 were decided by the Court, 8 were withdrawn and 4 were pending at the close of the year.

Outstandings.—The outstandings which at the end of the year under report amounted to Rs. 29,93,133-4-11 as under, against Rs. 25,72,375-12-0 for the year 1932-33, stood reduced to Rs. 15,24,240-15-2 on 30th June 1934.

Particulars.	Amount of outstanding on 31st March 1934.			Amount recovered upto 30th June 1934.		
	Rs.	a.	p.	Rs.	a.	p.
(1) Government contribution (General Tax for 1933-34 under section 144)	5,44,165	15	0	5,44,165	0	0
(2) Government (water and halalkhor taxes), D. D. Chawls	7,691	1	0	7,148	0	0
(3) Port Trust	408	0	0	....		
(4) Bombay Municipality (Improvements) ..	73,919	11	0	19,022	0	0
(5) G. I. P. Railway	4,40,208	11	0	12,207	0	0
(6) B. B. & C. I. Railway Co.	38,938	13	0	2,037	0	0
(7) Mills (Textile)	3,05,130	5	0	1,37,504	0	0
(8) Other rate-payers	15,82,670	12	11	7,13,295	0	0
Total ..	29,93,133	4	11	14,35,378	0	0

(3) *Port Trust.*—The assessment of Port Trust vacant lands for the quinquennium 1929 to 1934, which was under dispute since February 1931, was settled in November 1933. It was contended on behalf of the Trustees that the vacant lands should be assessed as waste lands at a nominal value; but the Municipality could not agree, as it maintained that they were provided for the accommodation of traffic and industrial concerns. The Trustees ultimately gave up their contention and paid up the General tax on the basis of the value fixed by the Municipality.

For over forty years the practice was to assess, in the names of the tenants, the structures erected by tenants on lands leased on monthly tenancy, and for the Trustees to pay the unrecoverable arrears due by defaulting tenants. As, however, the Manager, Land and Bunders, refused to pay such arrears, the Municipal Solicitors were consulted, and joint opinion of Counsel advised that the taxes leviable in respect of such structures were leviable under sections 145 (2), 170 and 172 of the Municipal Act from the Port Trustees and that the assessments made in the names of the tenants were bad *ab initio*. The Port Trustees after obtaining legal advice agreed by their Resolution No. 328 of the 4th June 1930 to such structures being assessed in the name of the Port Trust. The Municipality, however, continued to collect the taxes from the tenants upto the end of the quinquennium to enable the Trustees to make their own arrangements for collection after joint inspection and identification of the numerous structures. These structures will be included in the Assessment Award of Port Trust propertie for the current quinquennium (1st April 1934 to 31st March 1939).

(4) *Bombay Municipality (Improvements).*—By Bombay Act XIII of 1933, the City Improvement Trust was amalgamated with the Municipality and the properties belonging to the Trust came to be vested in the Corporation with effect from 1st October 1933.

The bills outstanding on 31st March 1934 will be adjusted under Rule 6 (4) of schedule B.B. of the Municipal Act, as soon as the objections raised against the bills are finally settled.

(5) *G. I. P. Railway.*—In connection with the complaint lodged by the G. I. P. Railway Administration against the revision of assessments made for the year 1933-34, plans of the several estates belonging to the Administration have been prepared and are being revised so as to show the classification of land as agreed upon after joint inspection of the estates and discussion on spot. The properties to be assessed fall into 23 estates and the lands and buildings comprising them are to be valued on the basis of the agreement reached between the Agent, G. I. P. Railway, and the Municipal Commissioner in 1923. Effect to this agreement is being given for the first time, the Administration having in the interval raised various objections including the objection that, being a Government Railway, they were not assessable by the Municipality. The basis of assessment hitherto was the Award of 1883 and the values were varied only by modifications rendered necessary by demolitions, new constructions or enlargement. The work of revision, therefore, is of a formidable nature and bristles with difficulties owing to various contentions urged and being urged on behalf of the Administration. The Administration, however, paid under protest a lump sum in part-payment of the taxes due for the year 1933-34.

(6) *B. B. & C. I. Railway Co.*—The B. B. & C. I. Railway Administration also have complained against the revised assessment for the year 1933-34 and have furnished plans of properties in the numerous estates in the City. The basis and method of valuation to be applied to these properties will be the same as in the case of the G. I. P. Railway properties and the scrutiny of the plans for the classification of lands and buildings will be taken up on completion of similar work in connection with the G. I. P. Railway. The Railway Administration have in the meantime paid under protest the Municipal taxes for the year 1933-34 on the basis of the old assessment.

(7) *Mills.*—Owing to continued depression in trade and external competition several cotton mills (25 in the first half and 32 in the next half of the year under report) were compelled to close down and several others were working part-time. This closure necessitated a refund of General and Halalkhor taxes to the extent of Rs. 87,583 and also reduced by Rs. 96,027 the revenue from water supplied by meter to the mills.

To compensate the mills for unfavourable industrial conditions the mills were, on the basis of the Arbitrators' Award of April 1932, granted for the year 1932-33 a remission of 15 per cent. on the normal rateable value of the mills. For the year under report the mills claimed a remission of 40 per cent. on the plea that the industry was in a very much worse plight than in previous years; complaints against the rateable value were made on various other grounds also. After protracted negotiations with the Millowners' Association, the Municipal Commissioner, following the basis adopted by the Arbitrators, offered a remission of $10\frac{2}{3}$ per cent. equivalent to Rs. 1,30,333 in General and Halalkhor taxes. As the Association considered this concession too small and unacceptable, the complaints against assessment were heard and decided allowing the remission at the percentage mentioned. Appeals have been filed in the Small Causes Court against the decisions and are still pending.

The mills have paid the taxes on the basis assessed but a sum of Rs. 69,806 in respect of Currimbhoy group of mills, which are in liquidation, is still due but the Municipal claim has been lodged with the liquidators.

A sum of Rs. 39,642 is due from Messrs. Morarji Goculdas Mills but the new Agents have been allowed the concession of paying it by monthly instalments of Rs. 7,500.

(8) *Other Rate-payers.*—Outstandings against other rate-payers aggregate about Rs. 15,82,670; out of which Rs. 1,90,145 are recoverable partly from the Official Assignee and the Court Receiver and partly after suits already filed, or in the course of being filed, have been decided; and Rs. 41,755-4-0 are recoverable by monthly instalments from ratepayers who, in consideration of their financial difficulties, have been allowed this concession by the Municipal Commissioner.

Riot Tax.—Mention was made in the last Annual Report of the work of collecting, by way of addition to the General tax, compensation awarded by the Chief Presidency Magistrate to sufferers in five different riots of 1929, 1930 and 1931. The total amount to be collected was

nearly eight lakhs and necessitated the issue of 25,292 bills. In the year under report similar orders from the Chief Presidency Magistrate were received for collecting the compensation awarded in connection with riots of 1932 and 1933—the amount to be collected being Rs. 20,62,761, and the total number of bills about 30,000. It was mentioned in the last Report that certain anomalies and difficulties in the matter of collecting the riot tax were represented to Government (*vide* Mayor's letter No. 3388, dated 24th July 1933). In the reply since received, Government have agreed only to allow 3 per cent. to be added to the amount of compensation to cover short recoveries and the cost of collection and to amend section 45 of the City of Bombay Police Act, 1902, accordingly, when the Act is next amended (*vide* their letter No. 9744/D2, dated 23rd April 1934). It is likely that a further representation will be made to Government in the matter.

The total amount of Riot taxes collected during the year under report was Rs. 3,50,355.

Recovery of arrears of wheel-tax from Government.—A claim for wheel-tax amounting to Rs. 17,828 for the period from 1st April 1923 to 30th June 1932 was made under section 4 of the Indian Taxation Act XI of 1881 against Military Authorities in respect of motor vehicles maintained by Military Officers in lieu of chargers. The Military Authorities having refused to pay the claim prior to 1st July 1925, matters were represented to the Government of India through the Government of Bombay with the result that payment of a moiety of the claim has since been sanctioned. A sum of Rs. 9,286 was received during the year under report in respect of the claim for the period 1st July 1925 to 30th June 1932. Wheel-tax in respect of such motor vehicles from 1st July 1932 is being regularly paid by Government.

Savings.—Savings to the tune of Rs. 45,377 were effected in the cost of the Department in the Budget for 1931-32 : of Rs. 23,041 by retrenchment and re-organisation and of Rs. 22,336 in the various Budget grants for the Department. A saving of Rs. 10,260 was effected in the grants for 1932-33.

In the year under report further savings to the extent of Rs. 12,050 were effected in the Establishment and other grants.

I have the honour to be,
Sir,
Your most obedient servant,

N. S. KOWSHIK,
Assessor and Collector.

STATEMENT "A."

Rateable Values.

Years.	Original Gross value.	No. of complaints against the opening value.	Gross value after disposal of complaints.	Amount of subsequent reduction by demolition, complaints, etc., during the year.	Gross value after subsequent reduction.	Enhancement by new buildings, enlargements, etc., during the year.	Total Gross value.	Comparison with preceding year's Gross value.	Rateable value.	Classification of rateable value.			
										Chargeable to General tax.	Exempted from General tax under Section 143 (1) (*a*) (*b*). 144 and 145 etc.	For which no bills for General tax are issued.	Total Rateable value.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1932-33	14,63,71,115	8,343	14,43,79,994	76,32,876	13,67,47,118	73,86,815	14,41,33,933	—23,34,527	12,97,33,261	12,00,91,850	96,32,901	8,510	12,97,33,261
1933-34	14,39,07,169	8,841	14,24,83,887	33,14,564	13,91,69,323	40,82,479	14,32,51,802	—8,82,131	12,89,40,777	12,00,57,150	88,73,830	9,797	12,89,40,777

STATEMENT "B."

General Tax.

1932-33.				1933-34.				
General Tax levied at 11¼ per cent. from the Public, City Improvement Trust, Mills and Railways.	Compounded sum payable by the Government under Section 144 (3) of the Act.	Compounded sum payable by the Port Trust under Section 145 (3) of the Act.	Total of columns 1, 2 and 3.	General Tax levied at 11¼ per cent. from the Public, City Improvement Trust, Mills and Railways.	Compounded sum payable by the Government under Section 144 (3) of the Act.	Compounded sum payable by the Port Trust under Section 145 (3) of the Act.	Total of columns 5, 6 and 7.	Difference between columns 4 and 8.
1	2	3	4	5	6	7	8	9
Rs. a. p. 1,21,62,269 12 0	Rs. a. p. 5,44,201 12 0	Rs. a. p. 11,04,091 0 0	Rs. a. p. 1,38,10,562 8 0	Rs. a. p. 1,21,68,247 2 0	Rs. a. p. 5,44,165 15 0	Rs. a. p. 11,04,159 0 0	Rs. a. p. 1,38,06,572 1 0	Rs. a. p. *Less*— 3,990 7 0

STATEMENT "C."

Water Tax.

1932-33.				1933-34.				
On rateable value @ 3¾ per cent.	Compounded Water Tax.	By Meter Measurement.	Total of columns 1, 2 and 3.	On rateable value @ 3¾ per cent	Compounded Water Tax.	By Meter Measurement.	Total of columns 5, 6 and 7.	Difference between columns 4 and 8.
1	2	3	4	5	6	7	8	9
Rs. a. p. 30,27,171 13 0	Rs. a. p. 68,418 5 0	Rs. a. p. 32,44,038 0 0	Rs. a. p. 63,39,628 2 0	Rs. a. p. 30,68,470 10 0	Rs. a. p. 49,568 11 0	Rs. a. p. 31,98,798 6 0	Rs. a. p. 63,16,837 11 0	Rs. a. p. *Less*— 22,790 7 0

STATEMENT "D."

Halalkhor Tax.

1932-33.			1933-34.			Difference between columns 3 and 6.
On rateable value at 3 per cent.	On special service.	Total of columns 1 and 2.	On rateable value at 3 per cent.	On special service.	Total of columns 4 and 5.	
1	2	3	4	5	6	7
Rs. a. p. 31,11,420 6 0	Rs. a. p. 1,28,770 13 0	Rs. a. p. 32,40,191 3 0	Rs. a. p. 31,13,092 12 0	Rs. a. p. 1,26,603 4 0	Rs. a. p. 32,39,696 0 0	Rs. a. p. *Less*— 495 3 0

STATEMENT "E."

Total demands, collections and outstandings including wheel-tax.

Years.	Net demand issued.	Collections.	Outstandings.
1	2	3	4
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1932-33	2,77,56,835 2 10	2,51,84,459 6 10	25,72,375 12 0
1933-34	2,62,91,472 7 0	2,32,98,339 2 1	29,93,133 4 11

STATEMENT "F."

Statement showing particulars of various Riots-taxes : collected and to be collected.

Particulars.	Amount Awarded.	Amount collected upto 31st March 1934.	Amount outstanding on 1st April 1934 including that of bills which are not recoverable.
	Rs.	Rs. a. p.	Rs. a. p.
Riot tax No. V—			
Communal Riots of 1929	7,54,710	5,81,711 9 6	1,72,998 6 6
Riot tax No. VI—			
Bhendy Bazar Riots of 1930	10,877	6,388 5 6	4,488 10 6
Riot tax No. VII—			
Kalbadevi Riots of 1930	10,000	6,673 11 6	3,326 4 6
Riot tax No. VIII—			
Mogal Mahomedan Riots of 1931	11,232	9,584 15 6	1,647 0 6
Riot tax No. IX—			
Burning of Police Chowkies at C. P. Tank Road and Kumbharwada	581	The order was withdrawn by the Chief Presidency Magistrate.	
Riot tax No. X—			
Communal Riots of 1932	20,45,761	Work of issuing bills (about 25,000) is in progress.	
Riot tax No. XI—			
Northbrook Garden Riots of 1933	17,000	Work of issuing bills (about 5,000) is in progress.	
Total ..	28,50,161	6,04,358 10 0	1,82,460 6 0

STATEMENT "G."

Statement showing particulars of properties the rateable values of which were increased as a result of revision during April 1930—*March* 1934, *the increase in each case being not less than Rs.* 5,000.

Name of the Ward.	Ward No.	Street No.	Name of Street.	Rateable Value in 1929-30.	The year during which the rateable value was revised.	The amount of rateable value as revised.	The amount of increase.
1	2	3	4	5	6	7	8
A	225 (1-3)	108 to 116	Wodehouse Road	7,330	1931-32	12,480	5,150
,,	877 (1-1*a*)	1	Ormiston Road	15,675	1933-34	20,805	5,130
,,	1092-	141-145	Medows Street ..				
	1200 (1-2)	6-17	British Hotel ..	45,650	Do.	52,405	6,755
		32-34	Lane, Forbes Street ..				
,,	1162 (1)	148-3	Elphinstone Road ..	48,600	Do.	62,585	13,985
			Hope Street				
,,	1879	289-29	Frere Road	22,065	Do.	30,240	8,175
			Kumpta Street ..				
,,	2652(5-10-12)	2	Graham Road	50,720	1932-33	88,650	37,930
,,	2700 (1*a*)	7-14 & 37	Mangalore Street and Kumpta Street	14,095	1931-32	19,780	5,685
,,	2855	2-15	Frere Road	9,900	Do.	15,235	5,335
,,	3235	324 to 332	Hornby Road	39,915	1932-33	48,360	8,445
,,	3263-65	271-72	Hornby Road ..				
		41	Bastion Road.. ..	54,000	1930-31	68,215	14,215
		3-5	Outram Road ..				
,,	3270 (1-2)	6-36	Outram Road ..	12,530	1933-34	26,250	13,720
			Bastion Road.. ..				
,,	3273	11,24	Ravelin Street ..	18,205	1932-33	27,450	9,245
			Bastion Road.. ..				
,,	3275	6	Home Street	25,360	1930-31	33,930	8,570
,,	3464	29	Waudby Road	11,675	Do.	18,260	6,585
,,	3471	22-21	Waudby Road ..	47,580	1931-32	60,205	12,625
	3486 (2*a*)		Ravelin Street ..				
,,	3485 (2)	9-27	Home Street	40,575	Do.	47,675	7,100
			Murzban Road ..				
,,	3491	19-21	Esplanade Road	6,975	1933-34	12,600	5,625
,,	3495-96	23-25	Esplanade Road ..	61,370	1930-31	83,730	22,360
		4	Connon Road ..				
		40	Murzban Road ..				
,,	3594 (2)	16*a*-2	Carnagy Road	16	1933-34	18,330	18,314
A (GPR)	A 2768 (2)	1-3	Fort Street	1,56,055	Do.	1,89,495	33,440
Railways	2771	177	Hornby Road ..				
,,	E 7600 (4)	3	Parel Road	761	1930-31	6,087	5,326
,,	B 4338	63	Wari Bunder Road	48,944	1933-34	54,382	5,438
,,	F (S) 148 (1*a*)	5 AA	Suparibag Road	56,029	Do.	62,254	6,225
,,	F (S) 148 (1)	5	Do.	56,585	Do.	62,872	6,287
,,	A 2926 (2)	170 to 174	Frere Road	66,980	Do.	74,422	7,442
,,	E 3406 to	271 to	Bellasis Road and Laming-				
	3423	285 D	ton Road	1,00,533 (1930-31).	Do.	1,11,703	11,170
,,	A 2768 (1)	120	Fort Street	66,600	Do.	97,290	30,690
		108-177	Hornby Road ..				
,,	2809 (1-8)	8-12	George's Road	73,800	Do.	1,25,916	52,116
C	298	2A	Muller Lane	4,565	1930-31	16,190	11,625
,,	363-364	511-527	Kalbadevi Road	20,310	1933-34	27,325	7,015
,,	525-527	333-337	Sheikh Memon Street ..	39,790	Do.	45,875	6,085
,,	1144-48	33-41	Patakwadi	52,210	1931-32	65,800	13,590
			Princess Street ..				
,,	1155-61	38-80	Vithaldas Road	38,205	Do.	53,795	15,590
,,	2437-38	2-4	1st Marine Street	20,290	1932-33	29,260	8,970
,,	1115-1132	124-142	Princess Street	10,600	Do.	16,640	6,040
,,	329	16 A	Sheikh Memon Street ..	4,170 (1930-31)	1933-34	10,425	6,255
D	3178	11	Ridge Road	10,145	1930-31	22,100	11,955
,,	3440 (3)	5 A	Altamount Road	5,600	Do.	11,870	6,270
,,	4428-29	12-14	Nasserwanji Petit Street ..	13,135	1933-34	18,935	5,800
		219					
,,	2647 (1-2)	75-75*aa*	Bavankhani Road	2,030	1931-32	8,500	6,470
E	6141 to 6144	50	Nesbit Road	8,055	1932-33	16,740	8,685
,,	7371 7319 7370 (2-3)	56 E	Clerk Road	30,770	1933-34	36,955	6,185
F	9016 (2)	2583 A	Tank Bunder Reclamation Road	10,145	1932-33	17,750	7,605
,,	3068	309	Sewree-Koliwada	40,820	1933-34	46,235	5,415
G	44 (2)	116-118	Clerk Road	2,27,295	1931-32	4,28,256	2,00,961
	45			16,96,658		24,04,257	7,07,599

No. T. D./94 OF 1934-35.

BOMBAY, 12*th July* 1934.

FROM

THE TOWN DUTY OFFICER,

To

THE MUNICIPAL COMMISSIONER.

"Subject: *Annual Report of the Town Duty Department for the year* 1933-34.
Reference: *M. C.'s Circular No. M.C.*/1078/*S.R. of* 28-4-1934.

SIR,

I have the honour to submit my Annual Report on the working of the Town Duty Refund Department during the year 1933-34.

2. Mr. M. J. Antia, B.A., was in charge of the Department during the year under report.

(I) TOWN DUTIES.

3. The rates of duty leviable during the year were the same as in 1932-33.

4. The total Town duty collections, refunds and net receipts during the years 1932-33 and 1933-34 are summarized below:—

	1932-33.			1933-34.		
	Rs.	a.	p.	Rs.	a.	p.
Gross Collections	22,16,107	2	8	24,61,883	0	6
Refunds	9,63,111	1	0	9,69,053	12	0
Net Revenue	12,52,996	1	8	14,92,829	4	6

Increase during the year ... ... Rs. 2,39,833-2-10.

5. Full details of this increase are given in the annexed appendix.

6. There was a decrease of Rs. 58,528 in the net receipts in respect of Beer, Ghee, Ghee Substitutes, Timber and Firewood; while there was an increase of Rs. 2,98,362 in respect of Flour, Grain, Sugar and Wines and Spirits.

7. The Decrease is accounted for as under:—

Beer.—Probably due to the large imports of toddy from Dahanu, Sanjan and other stations.

Ghee and Ghee Substitutes.—Probably due to trade depression and to the opening of a factory in Bombay in 1932 for manufacturing vegetable product.

Timber.—Timber imports were satisfactory in 1933-34, but for the reasons stated in the last Annual Report, refunds in respect of exports for the preceding year were passed in the last year. The net revenue under this head therefore appears smaller in 1933-34 than that in 1932-33.

Firewood.—Partly due to depression in the Mill industry and partly to the increased use of charcoal, gas and oil stoves.

8. The total number of claims for refund received during the year was 34,497 against 34,997 in 1932-33. The decrease in the number of claims was to some extent due to a larger number of export notes being included in some claims.

9. During the year under report 11,21,103 sugar bags and jagri bundles were marked and 23,439 packages of ghee substitutes were sealed departmentally against 9,59,251 and 40,964 packages respectively in 1932-33. The decrease in the import of ghee substitutes is due to the smaller imports of whale oil on account of enhancement of the Customs duty on whale oil imported from Japan.

10. The question of revising the Town Duty schedule referred to in the last two Annual Reports of this Department is now under consideration of a Committee of the Corporation.

11. Proposals to revise the present antiquated system of making refunds of Town duty referred to in the last year's report have been submitted to the Municipal Commissioner for consideration.

II. COTTON DUTY.

12. The net revenue derived from the non-refundable duty on raw cotton and the Government and Municipal shares thereof as compared with 1932-33 are shown below :—

	1932-33. Rs.	a.	p.	1933-34. Rs.	a.	p.
Net revenue after deduction of collection charges	19,33,996	8	8	20,67,775	6	9
Government share 4/7th	11 05,140	14	1	11,81,585	15	3
Municipal share 3/7th	8,28,855	10	7	8,86,189	7	6

Increase in Municipal share over 1932-33 ... ... Rs. 57,333-12-11.

III. SAVINGS.

13. Savings to the extent of Rs. 8,354 were effected by means of various expedients in the Establishment and other grants as shown below. Looking to the present financial stringency of the Corporation every effort is being made towards economy.

	Rs.	a.	p.
I. Establishment	7,927	0	0
II. Printing and Stationary...	234	0	0
III. Contingencies	193	0	0
Total ...	8,354	0	0

IV. ELECTIONS.

14. During the year under report, there were in all five bye-elections 2 for A Ward, 2 for D Ward and 1 for G Ward out of which only three were contested and two, one of A and the other of D Ward, were uncontested.

I have the honour to be,
Sir,
Your most obedient servant,
S. N. CHAUBAL,
Town Duty Officer.

Appendix.

STATEMENT contrasting the Collections, Refunds and Net Revenue from Town Duties for the years 1932-33 and 1933-34.

ARTICLES.	COLLECTIONS.				REFUNDS.				NET REVENUE.			
	1932-33.	1933-34.	Increase in 1933-34.	Decrease in 1933-34.	1932-33.	1933-34.	Increase in 1933-34.	Decrease in 1933-34.	1932-33.	1933-34.	Increase in 1933-34.	Decrease in 1933-34.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain, @ annas 6 per candy	6,45,727 0 2	7,58,313 12 8	1,12,586 12 6	....	2,85,739 3 0	3,22,165 8 0	36,426 5 0	....	3,47,717 14 8	4,24,818 2 8	77,100 4 0	....
Flour, @ annas 4½ per candy	8,202 6 6	10,815 11 0	2,613 4 6	....	20,472 5 0	22,145 13 0	1,673 8 0	....				
Sugar, @ annas 8 per cwt.	8,98,863 5 6	10,60,785 3 3	1,61,921 13 9	....	6,05,688 4 0	5,48,807 15 0	....	56,880 5 0	2,93,175 1 6	5,11,977 4 3	2,18,802 2 9	....
Wines and Spirits, @ annas 4 per Imperial gallon.	1,19,532 8 9	1,23,849 4 3	4,316 11 6	....	4,155 15 0	6,012 15 0	1,857 0 0	....	1,15,376 9 9	1,17,836 5 3	2,459 11 6	....
Beer, @ pies 6 per Imperial gallon	38,889 8 0	34,527 10 0	....	4,361 14 0	7,205 10 0	6,826 9 0	....	1,379 1 0	31,683 14 0	28,701 1 0	....	2,982 13 0
Ghee, @ annas 10 per Bombay maund ..	2,32,278 3 1	2,28,490 9 11	....	3,787 9 2	9,960 4 0	13,715 13 0	3,755 9 0	....	2,22,317 15 1	2,14,774 12 11	....	7,543 2 2
Ghee Substitutes, @ annas 10 per Bombay maund.	88,229 7 0	57,174 1 9	....	31,055 5 3	11,587 7 0	22,911 1 0	11,323 10 0	....	76,642 0 0	34,263 0 9	....	42,378 15 3
Timber, @ 2½ per cent. on Market value ..	1,49,652 7 1	1,57,268 0 5	7,615 9 4	....	18,302 1 0	27,468 2 0	9,166 1 0	....	1,31,350 6 1	1,29,799 14 5	....	1,550 7 8
Firewood, @ annas 2 per candy	34,732 4 7	30,658 11 3	....	4,073 9 4	....	....	....	....	34,732 4 7	30,658 11 3	....	4,073 9 4
			2,89,054 3 7 43,278 5 9	43,278 5 9			64,202 1 0 58,259 6 0	58,259 6 0			2,98,362 2 3 —58,528 15 5	58,528 15 5
Total Rs. ..	22,16,107 2 8	24,61,883 0 6	2,45,775 13 10	....	9,63,111 1 0	9,69,053 12 0	5,942 11 0	....	12,52,996 1 8	14,92,829 4 6	2,39,833 2 10	....

S. N. CHAUBAL,

Town Duty Officer.

No. M. C.-1078 of 29th June 1934.

FROM

THE AG. CITY ENGINEER,

TO

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Subject: *Administration Report of the City Engineer's Department for the year* 1933-34.

SIR,

I have the honour to forward herewith the Administration Report of the departments under my control for the year 1933-34.

2. The report is divided into the following sections :—

(1) Architectural,
(2) Buildings,
(3) Mechanical,
(4) Works.

I. Architectural Branch.

Upkeep and repairs of Municipal Buildings.

3. During the year under report, Mr. P. E. Cooper was the Contractor for Annual Repairs and Petty Works in A & B Wards. Messrs. Pallonji Edulji & Son for C, D and E Wards and Mr. Anand Ghiga for F & G Wards. Their quotations were 14 per cent. and 12 per cent. below schedule rates and at par respectively.

4. Mr. G. L. Jobanpotra was the Contractor for painting works and his quotation was 30¼ per cent. below schedule rates.

5. The Building and repair works entrusted to the Petty Works Contractors during the year amounted to Rs. 1,15,160.

6. The painting works entrusted to the Painting Contractors during the year amounted to Rs. 18,507.

Plague measures taken during the year.

7. Three Health Camps were erected during the year 1933-34 and the cost of their maintenance approximately amounted to Rs. 1,726.

8. The number of Municipal properties was about 540 and that of the properties acquired in connection with Development schemes was about 243.

9. After the amalgamation of the Bombay Improvement Trust with the Municipality from 1st October 1933 the work of repairs and maintenance of 944 acquired buildings, 173 blocks of permanent chawls and buildings and 275 blocks of Semi-permanent sheds taken over from the Improvement Trust was entrusted to the Architectural Branch of the Municipality in addition to the work pertaining to Municipal properties mentioned above.

Latrines, Urinals and Bathing Places.

10. The work of removing temporary latrines at the Dicks Tank Garden and erecting new ones in lieu thereof, at the Recreation ground at 4th Pirkhan Street, was carried out at the cost of the City Improvement Trust which amounted to Rs. 5,612.

Primary Schools.

11. Plans and estimates amounting to Rs. 24,700 for the construction of a School building at the playground near the King Edward Memorial Hospital were prepared at the request of the Secretary, Schools Committee, and were forwarded to him.

Hospitals.

12. A Museum building at the Seth Gordhandas Sunderdas Medical College, Parel, was constructed during the year at a cost of Rs. 92,450 out of the donation from the Trustees of the Seth Jamnadas Lalubhai's Charities.

13. Plans and estimates amounting to Rs. 1,11,976 for the work of constructing two new wards for Small-Pox Unit at Arthur Road Hospital were prepared and approved by the Corporation under their Resolution No. 10463 of 5th March 1934. Provision for this work has been made in the Budget for 1934-35. Half the cost of this work is to be borne by the Governor's Hospital Fund Committee.

Miscellaneous.

14. Air Compressor stations at Tulsi Pipe Line and Victoria Gardens were constructed at a cost of Rs. 11,954 and Rs. 5,855 respectively.

15. The work of extending the existing Air Compressor station at Warden Road at a cost of Rs. 6,246 has just been completed and accounts are being adjusted.

16. Alterations to the Municipal building at Bellasis Road so as to make it suitable for Venereal Diseases Dispensary were carried out at a cost of Rs. 6,670.

17. Plans and estimates for putting up several stand pipes in the City out of the donation of Rs. 14,338-3-9 received from the Advocate General have been prepared and steps are being taken to start the work.

II. PRIVATE BUILDING CONSTRUCTION (INCLUDING SET-BACKS.)

18. The number of applications received under Section 337 for the erection of new buildings and under Section 342 for additions and alterations to existing buildings, during the year under report, as compared with those received during the preceding four years is as follows :—

Year.	Under Section 337.	Under Section 342.	Total Number of Buildings dealt with.	Total Number of Applications.
1929–30	579	985	1,564	2,725
1930–31	765	1,169	1,934	2,562
1931–32	691	961	1,652	2,570
1932–33	752	1,087	1,839	2,992
1933–34	839	1,007	1,846	2,967

NOTE.—Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

19. The majority of the plans were conditionally approved.

Set-Backs.

20. The following is a comparative statement of the amounts expended on the set-backs from 1924-25 to 1933-34 :—

Year.	Paid from Capital.	Paid from Revenue.	Total.
	Paid from Loan Works.	Paid from Land and Building Fund.	
	Rs. a. p.	Rs. a. p.	Rs. a p.
1924–25	5,50,150 0 0	2,71,376 3 3	8,21,526 3 3
1925–26		4,09,538 2 9	4,09,538 2 9
1926–27	4,74,152 11 1	64,976 13 4	5,39,129 8 5
1927–28	5,64,794 0 5		5,64,794 0 5
1928–29	4,72,161 10 9	....	4,72,161 10 9
1929–30	3,77,125 0 6	....	3,77,125 0 6
1930–31	3,52,637 0 0	....	3,52,637 0 0
1931–32	1,46,535 7 4	....	1,46,535 7 4
1932–33	2,28,187 8 1	....	2,28,187 8 1
1933–34	1,62,217 13 11	....	1,62,217 13 11

21. The liabilities outstanding at the close of the year for land sanctioned to be acquired as set-backs amounted to Rs. 10,15,043-3-2.

22. During the year under report, proposals were submitted for changing the regular lines of the following streets.

(1) Tardeo Road between Grant Road, Sleater Road and Gowalia Tank Road and between Falkland Road and Arthur Road.

(2) Nawab Tank Road from the Bombay Port Trust Railway fencing eastwards to a distance of 200 feet.

(3) Worlee Koliwada.

(4) Ridge Road between Winter Road and Mount Pleasant Road.

(5) Dammar Lane from its junction with the B. B. & C. I. Railway westwards to a distance of about 150 feet.

(6) Warden Road near Scandal Point near the property belonging to Lady Saklatwala opposite Bomanji Petit Road.

(7) The regular line at Babulnath Road at the entrance of Babulnath Temple.

Enforcement of Building Regulations.

23. 2,585 summonses were issued against house owners under various Sections of the Municipal Act with the result shown in the following statement:—

Section of the Act.	No. of prosecutions.	No. of cases withdrawn or complied with.	No. of convictions.	No. of postponement falling during the year 1934-35.	Fines.
					Rs. a. p.
231	215	118	8	89	160 0 0
243	13	5	1	7	40 0 0
248	6	....	2	4	28 10 0
257	377	226	9	142	128 4 0
258	21	15	....	6	....
259	10	6	1	3	15 0 0
297 (3)	7	3	1	3	20 0 0
308	1,209	854	17	338	151 0 0
311	1	1	....	....	....
326	13	11	....	2	....
337	127	74	3	50	35 0 0
342	139	90	6	43	66 0 0
344A	2	....	....	2	....
347	1	1	....	....	....
347A	7	2	1	4	10 0 0
349	6	2	1	3	8 0 0
353	33	20	1	12	15 0 0
353A	131	64	4	63	83 0 0
354	245	131	12	102	194 0 0
358	13	13	....	....	....
377A	8	8	....	....	....
By-law 40	1	1	....	....	....
Add the amount of fi	ne of the old postpo	nement cases tried	in 1933-34 ..	.. .. ..	1,085 0 0
Total ..	2,585	1,645	67	873	2,038 14 0

24. No notice was issued under Section 378 for the improvement of insanitary buildings during the year under report. Action under this Section is now taken by the Health Department.

25. 638 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these, 435 were complied with and the remaining 203 were pending at the close of the year.

26. Out of the 273 notices under Section 354 that were pending at the close of previous year, 226 were complied with and the remaining 47 were still pending at the close of the year.

27. 12 buildings or portions thereof fell during the year under report. Resulting in casualties in 6 cases 9 persons being injured and 3 killed.

28. Action was taken under Section 349 of the Municipal Act in 5 cases for the summary removal of huts or walls thereof made of inflammable materials. Out of these, 2 were complied with and the remaining 2 were pending at the close of the year.

29. Out of the 9 cases that were pending at the close of the previous year, 6 were complied with and the remaining 3 were still pending at the close of the year.

30. Applications were made to the Standing Committee for the removal of unauthorized works in 33 cases. Out of these the works were removed by the parties in 15 cases and in 4 they were removed by the Municipality. Of the remaining cases the works were allowed to remain on submission of plans in 3 and 11 cases were pending at the close of the year.

31. Out of the 15 cases which were pending at the close of the previous year, in 8 cases the works were removed by the parties, in 2 cases by the Municipality, in 4 cases the works were allowed to remain on submission of plans and one case is still pending at the close of the year.

32. 3,702 notices were issued under Section 308 of the Municipal Act for the removal of unauthorized projections. Out of these, 3,041 were complied with and the remaining 661 cases were pending at the close of the year.

33. Out of the 681 cases under Section 308 which were pending at the close of the previous year, 620 were complied with and the remaining 61 cases were still pending at the close of the year.

34. During the year under report 1,219 stall-boards and weather-frames were permitted and 1,038 unauthorized projections were removed.

35. The total income from stall-boards and weather-frames during the year under report amounted to Rs. 70,379-1-5 as against 44,899-10-2 for the previous year. The total number of stall-board and weather-frame projections permitted is 3,491.

39. During the year under report 1,418 buildings were surveyed by the Ward Inspectors with a view to register the newly constructed tenements in the City. The following statement shows the number of tenements newly constructed.

Ward.	No. of one room tenements.	No. of two rooms tenements.	No. of larger tenements usually known as blocks.
A	192	246	45
B	495	31	35
C	302	41	51
D	386	43	573
E	495	18	7
F	1,113	180	395
G	616	307	101
Total ..	3,599	866	1,207

40. The following statement shows the No. of tenements demolished during the year.

Ward.	No. of one room tenements.	No. of two rooms tenements.	No. of larger tenements usually known as blocks.
A	126	44	93
B	283	54	64
C	188	52	27
D	242	72	35
E	324	....	1
F	354	39	10
G	149	39	3
Total ..	1,666	300	233

41. In all 7,416 notices were issued under the following Sections of the Municipal Act.

Section of the Municipal Act.	No. of Notices.
231	856
243 (2)	36
244 (1)	10
248 (1) (c)	1
257 (1) (a)	1,293
298	9
299	16
308	3,702
311	6
329	7
349	5
351	121
351 (2)	38
353	220
354	638
354 A	329
377A (1)	65
488	59
Total No. of Notices ..	7,416

42. On the amalgamation of the City Improvement Trust with the Municipality, the Land Acquisition and Management Branch of the Municipality was amalgamated with the Estate Agent's Department of the Trust.

The report regarding the management of the Municipal acquired properties in connection with the various schemes will therefore appear in the report of the Estate Agent's Department.

43. The work of preparing an inventory of the Municipal properties has been taken in hand.

III. MECHANICAL BRANCH.

Municipal Workshops.

44. The Corporation under their Resolution No. 2587 of 29th June 1933 approved of the supervision charges on works carried out in the Workshops being levied at the rate of $3\frac{1}{8}$ per cent. and the revised rate of supervision charges was brought into force with effect from 1st March 1933.

45. The total expenditure incurred during the year on works carried out in the Workshops aggregated Rs. 1,76,415-5-0 as under :—

	Rs. a. p.
Labour	88,257 10 0
Stores	82,424 5 10
	1,70,681 15 10
Supervision at $3\frac{1}{8}$ per cent.	5,733 5 2
Total Rs. ..	1,76,415 5 0

46. During the last year the number of jobs carried out was 3,450 and the total expenditure incurred on Departmental and Private works aggregated Rs. 1,50,648-11-5, whereas during the year under report the number of jobs carried out was 3,999 and the expenditure aggregated Rs. 1,70,681-15-10.

47. It will be noted that there is an increase in the turnover of the shops following their re-organisation approved under Corporation Resolution No. 2587 of 29th June 1933. Various sections of the Workshops have been re-opened and work is being turned out at prices which are thoroughly competitive.

48. The charges for the upkeep of the shops during the year amounted to Rs. 24,010-5-5 as under :—

		Rs.	a.	p.
1.	Labour	13,306	4	0
2.	Stores	2,324	3	10
3.	Electric charges	4,022	1	6
4.	Coal and Coke	4,357	12	1
	Total Rs. ..	24,010	5	5

49. The overhead charges, such as Establishment, Telephone, Printing, Stationery, Contingencies, &c., amounted to Rs. 46,087-13-8.

50. The income under IX Mechanical, Workshops, Miscellaneous Receipts (c) Workshops receipts aggregated Rs. 7,574-15-5.

51. The Mechanical Branch continued keeping in repair all the Municipal Mechanical and Electrical plants, also the various Municipal electrical Installations and erected during the year compressor stations at Fergusson Road and Victoria Gardens and installed the plants therein.

52. The Mechanical Transport which is continually increasing is becoming a more important section and proposals to garage the whole motor fleet in the Municipal Workshops have been put forward. This is necessary because of the large number of vehicles now to be maintained and by introducing a system of oiling, greasing, lubricating and filling in with petrol during the night hours the vehicles are able to carry on uninterruptedly during the day. This proposal, if adopted, will release the Bapty Road Depot which may be either sub-let or utilized for any other profitable purposes.

LOVE GROVE PUMPING AND COMPRESSOR STATIONS.

Love Grove Pumping Station.

53. The electrically-driven vertical spindle pumps installed in 1931 have been running continuously and successfully since they have been brought into use. Arrangements were made for the erection of a third pump which will be in operation before the monsoon of 1934. The total quantity of sewage pumped by these two electrically-driven pumps and steam pumps during the current year amounts to 21,938 million gallons which gives an average per day of 60.1 million gallons.

54. It is anticipated that there will be no further demand for the steam pumps and as the electric power house at Love Grove is being shut down, the boilers will not be worked in future.

55. The coal consumed during the year was 1,228 Tons 16 cwts. against 831 Tons 10 cwts. consumed during the preceding year. This is due to the compressor plant being shut down and the whole of the coal during the past years being debited against the power house.

56. Indian coal was used throughout the year, the cost per ton being Rs. 12-7-0 per ton for Joyrampur coal and Rs. 12-11-0 per ton for Chanch coal. All this coal was purchased by contract on calorific basis and in no case were the guaranteed results not realised.

57. A very large quantity of detritus has still to be handled at the Pumping Station necessitating the employment of a permanent staff as the area on which it is deposited is gradually getting more distant from the station.

58. The detritus chamber has proved to be inadequate to our requirements and a scheme will be put forward which will result in making this much more efficient.

59. Since the new pumps were introduced, the average height of the sewage in the detritus chamber continued to be kept at a low level which permits of a free outfall for the sewage at all states of the tide. The average reduced level of sewage was 68.25 feet and the amount of detritus removed was 4,538 Tons 19 cwts.

62. Our usual practice of pumping flood water from the storm-water channel was carried out during the last monsoon. This has resulted in preventing certain areas of the City becoming flooded as has happened previously.

New Electric Pumping Station.

63. The estimated saving by the installation of electrically-driven vertical spindle pumps at Love Grove has been fully realised as will be seen from the following statement showing the expenditures of the current year and the previous three years :—

Year.	Cost of Electrical charges.	Cost of coal consumed.	Total expenditure.
1930–31	1,25,161	41,965	1,67,126
1931–32	1,23,089	18,575	1,41,664
1932–33	93,950	12,738	1,06,688
1933–34	87,525	16,007	1,03,532

64. Electric current during the year was taken under contract from the Tata-Hydro-Electric Power Supply Co. under the G. P.-1 Tariff and the number of units consumed during the year was 2,302,900 at an average cost per unit of ·608 anna.

65. The maintenance of the plant is now carried out departmentally which has resulted in a considerable saving to the Municipality.

66. The conversion of privies has tended to equilise the flow of sewage making it much easier to deal with, as the peak loads are now less than before.

Love Grove Compressor Station.

67. After 35 years' continuous running the Love Grove Compressor Station ceased to function from the 19th May 1933 and will be allowed to remain as a stand-by in case of interruption to the electric supply. Its place has now been taken by the new electrically operated air compressors situated at Fergusson Road and Victoria Gardens respectively which were started from the same date. The electrical units consumed in each of these stations are as follows :—

Name of station.	No. of units consumed.	Cost.	Average price per unit.
	Rs.	Rs. a. p.	Anna.
Fergusson Road A. C. Station	8,55,212	36,222 14 7	·68
Victoria Gardens A. C. Station	12,25,945	47,414 3 6	·62

68. In addition to the economy effected by electrically operated plant of a modern type, further economies were effected by closing down several miles of air main which became redundant owing to the favourable positions selected for the new compressor stations. When this proposal was originally put forward, it was shown that considerable savings would accure by adoption of the scheme and our forecasts have proved correct. No involuntary stoppage was recorded since the plant was put into operation and the justification for the scheme is now fully established.

Storm-Water Gates.

69. Two pairs of storm-water gates were required to be renewed but due to financial stringency the work could not be carried out this year. The risk of carrying on with the existing gates must not be under-estimated and in any circumstances the gates must be replaced during the next year.

Ejector Stations.

70. The ejector stations worked satisfactorily in spite of their age.

71. A new ejector station has been erected at Setalvad Road and this should now remove all cause for complaint of surcharging of the sewers in the district.

72. Proposals for a new ejector in First Pasta Lane, Colaba, have been sanctioned. This is expected to be in operation during the monsoon of 1934 and is rendered necessary owing to the rapid development of the Bombay Port Trust Land on Arthur Bunder and the erection of buildings on the Wadia Trust property on the Colaba Causeway

Colaba Air Compressor Station.

73. No case of failure of electric supply was reported throughout the year.

74. With the erection of the new ejector at First Pasta Lane, the drainage in the Colaba area will be placed in a favourable condition.

75. The old horizontal air compressors installed at Colaba have been working for about 34 years now and are of inadequate capacity to meet the demands for compressed air now being made.

76. It is hoped to instal as early as possible a new compressor of adequate size and of silent type in order to obviate nuisance to the new buildings which are being erected in the close promixity of the compressor station. The new set will be operated by A.C. current and this will enable the Municipality to take advantage of better terms for the supply of current from the B. E. S. & T. Co., Ltd.

77. During the year 574,380 units were consumed at a total cost of Rs. 28,733-6-8.

78. The total quantity of sewage pumped in the Colaba District during the year is as follows :—

			Gallons.
Ejector No.	1	Colaba	246,455,500
,,	2	,, ...	242,265,000
,,	3	,, ...	274,115,000
,,	4	,, ...	119,531,000
,,	5	,, ...	59,916,000
		Total gallons ..	942,282,500

79. All the air and sealed sewage mains are now in good condition.

Bhandarwada and Arthur Road Compressor Stations.

80. The smaller compressor has been removed from Bhandarwada being no longer required. The electric motor will be utilised when the scheme for the electrification of the Municipal quarries at Sewri is put forward and the compressor is now being offered for sale. It is necessary however to retain the larger compressor which is run occasionally to meet demands during peak load or when repairs are being carried out to the various parts of the system.

81. Arthur Road Air Compressor Station has been entirely closed and the plant removed. Arrangements are being made to let the building to private parties.

Air Compressor Station at Warden Road.

82. During the year the old high speed electric motor was replaced by a direct coupled machine which resulted in the elimination of the noise and increased reliability.

83. Arrangements were made for the installation of a Rotary Type Compressor which was installed by The Swiss Locomotive and Machine Works at an estimated cost of Rs. 8,693. The plant is to be taken over by the Municipality after 12 months' working if found to be in accordance with the guarantees.

84. This station is being extended and two small electrically-driven pumps are being erected to deal with the extra flow of sewage in this area.

85. The new sealed sewage and air mains have been laid from Warden Road and Setalvad Road and are now in operation.

86. The compressor station at Carroll Road was entirely closed.

Inspection Cars.

87. The two Wolsely cars in use by the Commissioner and the Health Officer are worn out and are being replaced by new ones.

Inspection of Factories, Workshops and Work-Places.

Wards.	New Proposals for Permits and Licenses.		Recommended Permits and Licenses.		Factories working without Permits.	Nuisance Cases.	Notice issued under Section 392.
	Permits.	Licenses.	Permits.	Licenses.			
A	47	13	47	13	1	2	*Nil.*
B	27	9	27	9	*Nil.*	1	*Nil.*
C	73	41	73	41	*Nil.*	1	2
D	84	49	84	49	*Nil.*	3	*Nil.*
E	95	30	95	30	*Nil.*	3	*Nil.*
F	47	16	47	16	*Nil.*	3	*Nil.*
G	30	7	30	7	*Nil.*	2	*Nil.*
	403	165	403	165	1	15	2

88. The total number of permit and license cases inspected and disposed of during the year 1933-34 was 568.

89. Nuisance cases were attended to and necessary steps taken in the case of factories reported to be working without permits.

90. The total number of cases inspected during the year 1933-34 was 586.

91. Each factory, workshop and work-place was inspected on more than three occasions.

IV.—Works Branch (Construction and Maintenance).

I.—Construction.

(1) Drainage, Road and Footpath Works.

(a) *By Contract.*

92. 3 drainage, 13 road works and 1 footpath work were carried out at a total cost of Rs. 2,29,447-15-3, Rs. 536,245-8-0 and Rs. 11,537-0-5 respectively as shown in statement marked W. E./A.

(b) *Departmentally.*

7 road construction works and 1 drainage work were carried out at a total cost of Rs. 53,390-14-0 as shown in statement marked W. E./B, and 6 footpath paving works were carried out at a total cost of Rs. 10,446-6-0 as shown in the statement marked W. E./C.

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract. Amount.	Actual Expenditure. including Establishment upto 31st March 1934.	Date of Completion according to Contract Period.	Actual Date of Completion.	REMARKS.
			Rs. dec.	Rs. a. p.			
1	Construction of an ovoid sewer in a portion of Palton Road, from its junction with Market Road to Hornby Road.	Messrs. Kesra Fusa & Co., S. C. Resolution No. 7655 of 18th November 1933.	78,997·19	62,122 15 8	30th June 1932 ..	18th February 1933	Work completed; accounts adjusted.
2	Providing a sewer in Lamington Road	Messrs. Maneck Kurpal & Bros., S. C. Resolution No. 360 of 13th April 1932.	125,026·85	103,501 7 9	13th August 1933 ..	24th June 1933 ..	Work completed; accounts are being adjusted.
3	Providing a sewer in Thakurdwar Road	Mr. G. T. Tembe, S. C. Resolution No. 359 of 13th April 1932.	77,460·46	63,823 7 10	14th April 1933 ..	6th September 1933	Work completed; accounts adjusted.
				2,29,447 15 3			

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract Amount.	Actual expenditure including establishment upto 31st March 1934.	Cost of asphalt including Establishment upto 31st March 1934.	Total expenditure upto 31st March 1934.	Date of completion as per contract.	Actual date of completion.	Remarks.
			Rs. dec.	Rs. a. p.	Rs. a. p.	Rs. a. p.			
4	Providing cement concrete foundations along Girgaum Back Road from Sandhurst Road to C. P. Tank Road.	Messrs. Tanna Meghani & Co., S. C. R. No. 5137 of 28th September 1932 and S. C. R. No. 1897 of 7th June 1933.	51,280.452	52,046 5 7	38,551 3 2	90,597 8 9	9th April 1933 ..	8th March 1933 ..	Work completed; accounts adjusted.
5	Providing cement concrete foundations at Mahim Chowk.	Messrs. Maneck Kurpal & Bros., S. C. R. No. 5139 of 28th September 1932.	16,348.27	14,996 5 3 credit	17,080 8 0 2,662 10 6 14,417 13 6	29,414 2 9 on asphalt.	27th Dec. 1932 ..	23rd Dec. 1932 ..	Do. do.
6	Providing 6″ sett-stone pavement on cement concrete foundations at the junction of Lamington Road and Grant Road.	Messrs. S. M. Shah, S. C. R. No. 5138 of 28th September 1932.	9,988.08	9,274 4 4	....	9,274 4 4	4th March 1933 .	11th March 1933 .	Do. do.
7	Providing 6″ sett-stone pavement on cement concrete foundations along Chinch Bunder Road from Dongri Street to Sandhurst Road.	Messrs. Rasulji Rajbhoy & Co., S. C. R. No. 5721 of 19th October 1932.	51,439.50	49,109 14 8	....	49,109 14 8	8th May 1933 ..	6th May 1933 ..	Do. do.
8	Providing 6″ sett-stone pavement on cement concrete foundations along DeLisle Road from Arthur Road to Currey Road.	Messrs. Rasulji Rajbhoy & Co., S. C. R. No. 5165 of 28th September 1932.	1,34,519.23	1,23,523 2 3	....	1,23,523 2 3	16th Oct. 1933 ..	14th Aug. 1933 ..	Do. do.
9	Cutting Golanji Hill Road (East side) ..	Mr. Manilal H. Patel, S. C. R. No. 4845 of 27th August 1929.	1,13,650	86,425 7 5	....	86,425 7 5	22nd Sept. 1930..	15th March 1932 .	Do. do.
10	Cutting Golanji Hill Road (West side) ..	Messrs. Shapurji Pallonji & Co., S. C. R. No. 357 of 15th April 1931.	42,928.49	28,540 5 10	....	28,540 5 10	3rd Jan. 1932 ..	13th June 1932 ..	Do. do.
11	Providing 6″ cement concrete roadway in a portion of the proposed Tripartite Road between Parel Tank Road and Sewri New Road.	Messrs. Raoji Sojpal & Co., S. C. R. No. 9438 of 8th February 1933.	18,520.91	16,881 1 10	....	16,881 1 10	15th April 1933..	15th May 1933 ..	Do. do.
					Carried forward	4,33,765 15 10			

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract Amount.	Actual expenditure including establishment upto 31st March 1934.	Cost of asphalt including Establishment upto 31st March 1934.	Total expenditure upto 31st March 1934.	Date of completion as per contract.	Actual date of completion.	Remarks.
			Rs. dec.	Rs. a. p.	Rs. a. p.	Rs. a. p.			
	New Footpaths.				Brought over	4,33,765 15 10			
12	Paving with blue stone slabs the footpaths along Girgaum Back Road between Sandhurst Road and C. P. Tank Road.	Messrs. S. M. Shah, S. C. R. No. 7053 of 30th November 1932.	11,926.37	11,537 0 5	....	11,537 0 5	8th March 1933 ..	31st May 1933 ..	Work completed; accounts adjusted.
13	Providing cement concrete roadway at Hornby Vellard.	Messrs. Gannon Dunkerley & Co., Ltd., S. C. R. Nos. 5892 of 11th October 1933 and 7084 of 15th November 1933.	33,221.20	14,406 13 0	....	14,406 13 0	22nd Feb. 1934 ..	....	Work is in progress.
14	Providing cement concrete roadway along a portion of Tardeo Road between Clerk Road and Victoria Memorial School for the Blind.	Messrs. Gannon Dunkerley & Co., Ltd., S. C. R. No. 5893 of 11th October 1933.	17,984	15,344 13 2	....	15,344 13 2	22nd Jan. 1934 ..	31st Jan. 1934 ..	Work completed; accounts are to be adjusted.
15	Providing 6″ cement concrete foundations along Palton Road from Hornby Road to Carnac Road.	Messrs. G. T. Tembe & Co., S. C. R. No. 5894 of 11th October 1933.	40,709	35,899 13 4	....	35,899 13 4	22nd Feb. 1934 ..	....	Do. do.
16	Providing 6″ cement concrete foundations along Sandhurst Road between Dongri Street and Parel Road.	Mr. Dattatraya Govind, S. C. R. No. 8324 of 27th December 1933.	16,555	7,178 1 6	....	7,178 1 6	30th March 1934 .	....	Do. do.
	Capt. Account Expenditure, Scheme No. 31, Roads.	Improvement Trust.							
17	Providing 6″ cement concrete foundations along the damaged portions of the carriageway of Suparibag Road (west) between Lal Bag and Poibavdi.	Messrs. Maneck Kurpal & Bros., S. C. R. No. 7759 of 6th December 1933.	55,265	29,649 15 2	....	29,649 15 2	17th May 1934 ..	....	Do. do.
					Total Rs. ..	5,47,782 8 5			

Road, Drainage and other works carried out departmentally.

Serial No.	Name of Work.	Actual expenditure incurred.
		Rs. a. p.
1	Providing a new sealed sewage main from Arthur Road ejector to gravitation sewer in Clerk Road	21,202 13 7
2	Constructing a portion of the proposed 40′ road off Gokhale Road, with cement concrete, Case No. M/176	1,979 3 6
3	Constructing a portion of the proposed 50′ road off Gokhale Road, with cement concrete, Case No. M/168	3,470 1 11
4	Constructing a road with cement concrete near the property bearing N. S. No. 1-2/1632 between Cadell Road and Mahim Bay, Case No. M/636	1,517 3 0
5	Constructing a portion of the proposed 40′ road on the north of Mahim Bazar Cross Road (near Mr. Naik's property) with cement concrete, Case No. M/627	3,782 5 0
6	Constructing a portion of the proposed 50′ road in front of properties bearing Case Nos. M/178, M/181 and M/179 at DeLisle Road Extension Scheme—now called Gokhale Road, with cement concrete	4,917 13 0
7	Constructing with cement concrete the proposed 40′ road on the east of Gokhale Road (North) between Lady Jamshedji Road and the proposed 60′ road near Popatlal's chawl	11,685 10 0 (work is in progress).
8	Providing 3″ sheet asphalt on black base at Sandhurst Road between Chinch Bunder Road and Dongri Street	4,835 12 0 (work is in progress).
	Total Rs. ..	53,390 14 0

Footpath works carried out departmentally.

Serial No.	Description.	Mode of construction.	Actual expenditure incurred.
			Rs. a. p.
1	Paving the eastern footpath along Charni Road between Grant Road and Khetwadi Back Road.	Blue stone pavement.	1,303 14 0
2	Footpath on the south side of Portuguese Church Street between Gokhale Road and Lady Jamshedji Road.	Katcha	4,120 6 0
3	Paving the footpath in front of Surgical and Maternity Hospital at Sandhurst Bridge.	Blue stone pavement.	938 13 0
4	Paving the western footpath along Apollo Street between Church Gate Street and Hamum Street.	Do. ..	2,338 10 0
5	Paving the eastern footpath along Charni Road between Khetwadi Main Road and Sandhurst Road.	Do. ..	1,554 14 0
6	Paving the footpath in front of Ghaswala Building at Sir Phirozsha Mehta Road.	Do. ..	189 13 0 (work incomplete).
		Total Rs. ..	10,446 6 0

(2) CRUSHERS.

93. The Stone crushers at Sewri and Love Grove were worked on economical lines throughout the year resulting in a profit of Rs. 27,823-14-4. The rubble stone for the crushers was purchased from the Bombay Improvement Trust under a contract at a rate of Rs. 7-12-0 per brass for the crushers at Sewri and Rs. 5 per brass for the crushers at Love Grove, as against Rs. 8-3-0 per brass for the crushers at Sewri and Rs. 5-6-0 per brass for the crushers at Love Grove during the previous years.

The contract entered into with Mr. Rasulji Rajbhoy terminated by the end of June 1933 and as it was found economical to entrust this work to a labour contractor, tenders were invited for crushing, screening and feeding the crushers at Sewri and the lowest tender of Mr. D. K. Vijan for a period of 7 months from 1st August 1933 to 28th February 1934 at the rate of Rs. 2-10-0 per brass, including labour for feeding the crushers, screening the materials, forming depots and loading into lorries was accepted with the sanction of the Standing Committee, *vide* Standing Committee Resolution No. 3475 of 26th July 1933.

The tar macadam mixer at Love Grove is still out of commission.

The following is the statement of accounts of the working of the plants :—

Particulars.	Income.	Expenditure.	Profit.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Sewri Crushers	1,71,209 7 11	1,43,385 9 7	27,823 14 4
2. Love Grove Crushers			

The sanctioned rates during the year under report are as under :—

Material.	*Sanctioned rate for* 1933-34.
	Rs. a. p.
1 ½″ run	15 0 0 per brass.
1 ½″ (No. 3)	11 0 0 ,,
1″ (No. 2)	14 0 0 ,,
½″ chips (No. 1)	17 0 0 ,,
¼″ and ⅛″ grit	20 0 0 ,,
Grit with dust	12 8 0 ,,
Dust	5 0 0 ,,

Asphalt Plant.

94. During the year 1933-34 a length of 0.313 miles of roads covering an area of 7,156.60 square yards was asphalted. This, together with the roads laid in previous years, gives a total length of 30.834 miles covering an area of 6,71,421.28 square yards of asphalt pavements laid by the Municipal Plant upto 28th February 1934.

A length of 1.600 miles covering an area of 30,983 square yards was taken over from the Bombay Improvement Trust in this year. This together with the roads taken over from that body in previous years gives a total length of 11.484 miles covering an area of 3,48,600.15 square yards of Improvement Trust roads.

The total mileage and area of asphalt roads in Bombay on 28th February 1934 are thus 42.318 miles and 10,20,021.43 square yards respectively ; the details of the different methods being as follows :—

Agency.	3″ sheet asphalt.		2″ asphaltic concrete.		2½″ Mixed macadam.		3″ Cold Mix.		Total.	
	Miles.	Area in sq. yds.	Miles.	Area in sq. yds.	Miles.	Area in sq. yds.	Miles.	Area in sq. yds.	Miles.	Area in sq. yds.
Municipality ..	24.000	505,023.84	2.640*	64,913.53**	3.721	91,355.35	0.473	10,128.56	30.834	6,71,421.28
Bombay Improvement Trust.	11.094	340,250.15	0.390	8,350.00	..	....	..	....	11.484	3,48,600.15
Total ..	35.094	845,273.99	3.030	73,263.53	3.721	91,355.35	0.473	10,128.56	42.318	10,20,021.43

* 0.424 mile of this was laid out of Bombay.

** 5,975 square yards of this were laid on 4″ black base

The total area of 7,156.60 square yards was laid with different kinds of asphalt as shown below :—

Kind of asphalt.	Area laid in sq. yds.	Remarks.
Mexphalte	454.33	Supplied by Messrs. Burmah-Shell Oil Storage and Distributing Co. of India, Ltd.
Texaco	6,702.27	Supplied by The Texas Co. (India), Ltd.
Total ..	7,156.60	

In addition to the above an area of 2,755.47 square yards was laid during the year in connection with the reinstatement of trenches taken by various Utility Companies and an area of 11,083 square yards was laid out of the grant for maintenance of Capital Roads. A small portion of Frere Road with worn out sett stones admeasuring an area of 1,380.77 square yards was reconditioned at a cost of Rs. 2,032-5-0 as an experimental measure by laying asphalt surface on it.

The results are being watched.

The results of the treatment of Mazgaon Road with Bitumen Emulsion supplied by Messrs. Shaw Wallace & Co. during the year 1932-33 were not found satisfactory and hence the balance of the Emulsion was returned to them. An area of 5,394 square yards was scarified and laid with 1″ seal coat on DeLisle Road from the Maintenance grant for bituminous constructions.

The total expenditure incurred during the year amounted to Rs. 1,32,157-14-0 and the value of the materials on hand at the end of the year was Rs. 31,869-1-0. The actual expenditure was thus Rs. 1,00,288-13-0.

The rates charged for various methods were as shown below :—

	Per square yard. Rs. a. p.
1. 3″ sheet asphalt with oil asphalt	4 2 0
2. 2½″ Plant mixed macadam with ½″ seal coat (oil asphalt) ..	3 12 0
3. Trench work 3″ sheet asphalt with oil asphalt	9 0 0

During the year the Plant was closed for the monsoon for 140 days from 5th June 1933 to 22nd October 1933, for 32 days to carry out urgent repairs to the Plant boiler and for 9 days for intermittent rains and other unforeseen reasons. Out of the rest 184 days, 26 were Sundays, 5 holidays and 153 were working days.

The average area laid per day with the different methods was as follows :—

Method.	Length in miles.	Area in sq. yds.	No. of days.	Average per day.
3″ sheet asphalt	0.313	7,156.60	17	421.00
Maintenance work	....	11,083.00	85	130.40
Trench work	....	2,755.47	21	131.21
1″ seal coat	....	5,394.00	30	179.80
		26,389.07	153	

2,328 R. ft. of expansion joints were also prepared.

The following tests were taken during the year at the Asphalt Plant Laboratory :—

		No. of tests.
1.	Extractions	357
2.	Platform sand tests	2,350
3.	Tests of sand from depots	1,254
4.	Tests of materials from depots	289
5.	Tests of platform metal	785
6.	Void tests	75
7.	Specific gravity tests	380
8.	Preparing samples of various road mixtures ..	85
9.	Penetration and other tests	850

The area of the roads laid by the plant since 1921-22 up-to-date is as shown below :—

Year.	New roads area in sq. yds.	Other works (repairs and trench work).	Total.
1921—22	3,815.00	....	3,815.00
1922—23	63,579.00	....	63,579.00
1923—24	40,240.02	....	40,240.02
1924—25	56,602.99	....	56,602.99
1925—26	72,569.25	2,745.72	75,314.97
1926—27	70,189.05	8,113.32	78,302.37
1927—28	79,434.58	6,126.72	85,561.30
1928—29	93,592.42	2,615.67	96,208.09
1929—30	86,883.90	3,823.20	90,707.10
1930—31	32,128.30	11,843.09	43,971.39
1931—32	40,806.58	9,590.08	50,396.66
1932—33	24,423.59	9,888.31	34,311.90
1933—34	7,156.60	19,232.47	26,389.07
	6,71,421.28		

(4) Improvement of Private Streets.

95. Action under Sections 305 and 377 (1-A) of the Municipal Act was taken in respect of 57 private streets and the following streets were declared public under Section 306 of the Municipal Act during the year 1933-34 :—

		Square feet.
1.	Private street off Clare Road	3,755
2.	Private street known as Gowliwadi off Chandanwadi ..	3,022
3.	Kiln Lane off Lamington Road	1,840
4.	Dammer Cross Lane	1,680
5.	Duncan Road 1st Cross Lane	400
6.	Private street off Lady Jamshedji Road near Khandke Building	3,245
	Total ..	13,942

This represents a length of 1,167 feet or about $\frac{1}{4}$ mile.

The following 3 works were carried out departmentally at the cost of the frontagers :—

		Total expenditure booked upto 31-3-34. Rs. a. p.
1.	Private street off Girgaum Back Road opposite Peerbhoy Mansions	1,938 3 6
2.	Private street off Mount Road near McDowell's godowns	3,557 12 10
3.	Private street off Mount Road leading to Gamudia's Stables	3,814 2 9
	Total Rs.	9,310 3 1

The private street known as Nanabhoy Byramji Oart off Queen's Road was constructed by the frontagers themselves as a result of action taken against them under Section 305 of the Municipal Act.

Prosecutions for failure to comply with the requisitions under Sections 305 and 377 (1-A) of the Municipal Act were launched against the frontagers of the private streets (1) off Dadar Gulli, (2) Ash Lane and (3) Hasali Tank Lane. Action against the frontagers of No. (1) has been deferred for the present as they agreed to recondition the lane temporarily at their own expense. Action against those of No. (2) has been dropped as a sewer is to be laid through the lane in the scheme for the drainage of the north, which is likely to disturb the whole surface of the road, and cases against the frontagers of No. (3) are pending disposal.

Recoveries of expenditure from the house-owners were in progress. In 22 cases claims amounting to Rs. 14,094-15-2 were declared "improvement expenses" with the approval of the Corporation under Section 494 of the Municipal Act, and steps are being taken to effect recoveries from the tenants of the properties concerned under the provisions of Sections 495 and 496 of the Municipal Act. In 34 cases action under Section 498 of the Municipal Act was taken against tenants of the landlords concerned for failing to pay their respective instalments under Section 495 of the Act and in 9 cases distress warrants were executed with the help of the Police.

Awards have been obtained in 2 cases which were pending in the Small Causes Court at the close of the year 1932-33. No reference was filed in the Small Causes Court under Section 503 of the Municipal Act as the claims were settled outside the Court.

The total expenditure on the improvement of private streets during the year under report amounted to Rs. 11,819 and total recoveries made from house-owners during the year under review for improvements carried out during previous years amounted to Rs. 55,337-4-1.

(5) Design Office Work.

96. 162 estimates for drainage and sewerage works, 244 for road work (*i.e.*, 406 estimates in all) and 1'01 tracings and 960 blue prints for both drainage and road works were prepared during the year.

II. MAINTENANCE.

(1) Repairs and Alterations to Drains and Sewers.

97. 206 small drainage works of alterations and repairs to the existing drains and sewers were carried out departmentally. 106 manhole frames and covers, 299 gratings and 12 vent-shafts were renewed as found necessary. The total certified expenditure booked upto the end of the year was Rs. 24,433-7-11 as against the Budget provision of Rs. 26,265.

(2) Cleansing of Pipe Sewers, Ovoid Sewers, Storm-Water Drains, Water Courses, Catchpits, Water Entrances, Septic Tanks and Contact Beds, Street Connections, Testing and Keeping in Order Vent-Shafts.

98. (*a*) There are about 141.90 miles of pipe sewers and the systematic cleaning of these sewers was carried out throughout the fair season. Discs and cleaning rods were passed through 133.19 miles of these sewers, some being cleaned more than once, and the silt removed thereform amounted to 2795.98 tons or 70,884 c. ft. 2,048 chokes and obstructions from pipe sewers were removed.

(*b*) There are 17.18 miles of main ovoid and circular sewers including duplication. Scrapers were passed through 15.92 miles of these sewers and silt removed therefrom amounted to 574.97 tons or 14,577 c. ft.

(*c*) There are about 194.35 miles of storm-water drains out of which 20.26 miles were cleaned and 12,920.74 tons or 327,543 c. ft. of silt removed from storm-water drains in Argyle Road, Clive Road, Parel Bhendy Bazar, Erskine Road, Kika Street, Falkland Road, Bellasis Road, Victoria Garden Road, Clerk Road, Ripon Road, Arthur Road, Tardeo Road, Gowalia Tank Road, Parel Tank Road, Vincent Road and other branch drains.

(*d*) Water courses at the following places were cleaned:—Kharwawadi, Nepean Sea Road, Sewri Cemetery, Naigaum Road, Dadar Road, Tulsi Pipe Line Road, Carroll Road, Elphinstone Road, Haines Road Flat, Dhobi Ghat, Arthur Road behind Jail, Anjirwadi.

(*e*) There are 32 catchpits on pipe sewers and 8 on main sewers. They were frequently cleaned during the year and the silt removed amounted to 2,167 tons or 54,946 c. ft.

(*f*) There are about 12,750 water entrances in the City, of which 5,218 are provided with closable type of frames and gratings, 2,819 with gratings and concrete covers and 4,713 with gratings and plates. These were cleaned, opened and closed before and after the monsoon and kept in working order.

(*g*) The maintenance of the Biological Installation at Banganga, Walkeshwar, including minor repairs, additions and alterations was carried out at a total cost of Rs. 3,958-13-0 against the grant of Rs. 4,000 provided for the purpose. The septic tank and contact beds were cleaned and maintained in proper order.

(*h*) About 34,443 street connections were cleaned and maintained.

(*i*) There are 712 vent-shafts to ventilate the pipe sewers and main sewers and they are tested and kept in working order.

(*j*) The total expenditure on cleaning work amounted to Rs. 2,49,083-14-4.

(3) Cleaning, Maintaining and Upkeep of Open Main Drains and Low-Level Channels.

99. (*a*) Open main drains and low-level channels were cleaned departmentally at a cost of Rs. 4,959-1-0 out of the grant of Rs. 5,000 provided for the purpose and the silt removed there from amounted to 3,480.15 tons or 88,230 c. ft. out of which 35,119 c. ft. of top scum was sold as manure at Rs. 2-5-0 per brass and Rs. 812-0-0 realised

(*b*) The open main drains and low-level channels were maintained in proper repair and expenditure amounted to Rs. 4,181-1-0 against the grant of Rs. 4,300 provided for the purpose.

(4) Departmental and Private Works.

100. Minor Departmental and Private works of the total cost of about Rs. 5,193-11-0 were carried out departmentally at the cost of various Municipal Departments and private parties.

(5) Relieving Arches for the Old Main Drain at Falkland Road.

101. A provision of Rs. 5,000 was made in the Budget for the year 1933-34 for this work. An estimate amounting to Rs. 5,003 was prepared and the Municipal Commissioner's sanction was obtained to carry out the work to the extent of the provision available. The expenditure upto the end of the year amounted to Rs. 4,687-11-0.

(6) Relieving Arches for Sewers and Drains.

102. During the year a new provision of Rs. 2,000 was proposed for building relieving arches over sewers and drains wherever they were undermined. An expenditure of Rs. 1,672-0-0 was incurred for repairing the arches at the following places :—(*a*) Musjid Bunder Road, (*b*) Falkland Road, (*c*) Foras Road, (*d*) Bapty Road and (*e*) Nagdevi Street.

(7) Sluices.

103. There are 14 sluices for the storm-water outfalls and 24 fair weather connections in the City, which were maintained in working order at a total cost of Rs. 714-1-0.

(8) Underground Flushing Tanks.

104. There are 414 underground flushing chambers to flush pipe sewers and they were tested, repaired and kept in working order at a total cost of Rs. 328-4-0.

(9) NEW WORKS.

(*a*) Petty Drainage Works.

105. 16 drainage works were carried out departmentally out of the grant of Rs. 14,000 provided in the Budget under New Works, Drainage, and the total certified expenditure upto the end of the year amounts to Rs. 5,472-12-8.

(*b*) Completion of House Drainage Connections in Different Parts of the City.

The street portions of house drain connection works in the City were carried out departmentally. 179 sullage connections were made and the certified expenditure amounted to Rs. 26,032-4-0. These connections served 179 premises all of which were drained on the water

carriage system. 89 storm-water drain connections were made and the total certified expenditure amounted to Rs. 4,305-12-0.

(c) Permanent Manholes over Storm-Water Drains.

A provision of Rs. 3,000 was made in the Budget under New Works for providing permanent manholes over storm-water drains and the work was carried out departmentally as under :—

5	manholes at	Gola Lane.
15	,,	Mody Street.
6	,,	Dongri Street.
3	,,	Post Office Lane.
13	,,	Ali Umer Street.
42		

The expenditure amounted to Rs. 2,596-8-0

(d) Chaupatty Sea Face Works.

A provision of Rs. 5,000 was made in the Budget for the above work and a stepped wall about 190 feet in length was constructed at a cost of Rs. 4,929-13-0. A length of about 770 feet has so far been constructed at a cost of about Rs. 19,038.

(e) Construction of Chowkies for Storing Materials.

A provision of Rs. 7,000 was made in the Budget for the construction of 15 chowkies for storing materials but only one chowky was constructed at Sandhurst Road in the C. P. Tank area and one existing chowky was shifted from Foras Road to Charni Road. The expenditure incurred was Rs. 433-15-0.

(f) Construction of a Shed for Storing Drainage Implements, Pumps, Mixers, etc.

A provision of Rs. 1,500 was made in the Budget for the construction of a shed 50′ ×15′ for storing drainage implements, pumps, mixers, etc., and the work was carried out at a cost of Rs. 1,366-3-0.

(g) Providing a Short Length of Storm-Water Drain and Remodelling the existing Drain in Carnac Road.

A provision of Rs. 9,051 was made for providing a short length of storm-water drain and remodelling the old existing drain and constructing water entrances, etc., in Carnac Road between Hornby Road and Kalbadevi Road and the work was carried out at a total cost of Rs. 7,521-5-10.

(h) Providing a Short Length of 12″ Storm-Water Pipe Drain at DeLisle Road.

A provision of Rs. 3,239 was made in the Budget for the above work which was carried out at a total cost of Rs. 1,403-8-0.

(i) Metalling the Two Roads at the Haines Road Hindu Cemetery.

A provision of Rs. 1,562 was made for the above work and the same was carried out at a cost of Rs. 1,232-6-0.

(j) Laying a 6″ Air Main to connect the existing System from Jacob Circle to the Junction of DeLisle Road and Arthur Road.

A provision of Rs. 14,000 was made in the Budget for the above work which was carried out at a cost of Rs. 8,088-12-0.

(k) Laying about 800′ C.I. Pipe in Tulsi Pipe Road.

A provision of Rs. 13,500 was made in the Budget for the above work and the same was carried out at a total cost of Rs. 8,828-10-0.

(l) Renewal of Sealed Sewage Main in Chinchpokli.

A provision of Rs. 23,000 was made in the Budget for this work and it was carried out at a cost of Rs. 16,628-6-0.

ROAD REPAIRS AND MAINTENANCE.

(*a*) Water-bound Macadam Roads.

106. The areas of water-bound macadam roads repaired and maintained during the year and the expenditure incurred thereon are as given below :—

Kind of work.	Area in square feet.	Cost.
		Rs. a. p.
Re-surfacing with 3″ metal	5,03,419	38,386 0 5
Patch repairs	6,96,796	49,139 12 3
Maintenance of katcha footpaths	....	18,192 7 7
Maintenance of roadside trees	....	5,326 15 6
	Total Rs.	1,11,045 3 9

The average rate of repairing water-bound roads worked out to Rs. 11-15-9 per 100 sq. ft. against Rs. 10-11-9 of the last year.

The increase in the rate is due to the fact that while re-making or re-surfacing a road the camber of the existing road which is generally found to be steep was also improved either by lowering the centre or by raising the sides which necessitated the removal or shifting of manholes, water tables, &c., thus increasing the cost of repairs.

(*b*) Asphalt Roads.

Water-bound roads comprising an area of 4,43,897 sq. feet were resurfaced with 3″ asphalt macadam, other roads comprising an area of 22,36,312 sq. feet were surface dressed with bitumen and roads treated with bitumen comprising an area of 13,82,842 sq. feet were patched with bitumen.

The average rates of asphalt macadam, surface dressing with asphalt and bituminous patching worked out to Rs. 21-7-0, Rs. 5-5-11 and Rs. 9-15-9 per 100 sq. feet respectively as against the rates of Rs. 18-8-0, Rs. 6-2-0 and Rs. 8 per 100 sq. ft. during the last year. The increase in rates being mainly due to improvement in camber and alignments wherever possible.

The total expenditure in carrying out bituminous operations amounted to Rs. 3,57,152-4-2.

(*c*) Restoration of Trenches.

The following lengths of trenches in roads were opened by various departments and Utility Companies :—

	R. ft.
1. Water Department	59,794.47
2. Bombay Gas Co., Ltd.	21,192.10
3. Bombay Telephone Co., Ltd.	21,812.82
4. B. E. S. & Tramways Co., Ltd.	7,990.65
5. Government Telegraph Deptt.	533.74
6. Drainage works	17,734.47
7. Miscellaneous agencies	19,583.18
Total ..	1,48,641.43

This is equivalent to 28.15 miles out of a total of 222 miles of roads in the City.

These excavations were repaired by this Department at the cost of the departments or the parties concerned. The total cost of the above works carried out by this Department amounted to Rs. 1,95,870-3-0.

(*d*) Road Watering.

All water-bound roads comprising an area of 496,743 square yards were watered twice a day and the expenditure incurred thereon amounted to Rs. 30,295-15-6.

(*e*) Roadside Trees and Benches.

No new trees were planted in the City during the year. 406 trees were planted in the existing avenues in the place of casualties due to various causes. The young trees were obtained from the Road Department Nursery at Siri Road where there are nearly 1,200 seedlings of 30 different species in stock. The total cost of the nursery amounted to Rs. 795-10-7.

About 12 large trees were uprooted by the heavy gales and rain during the monsoon during the year under report but no damage was done to life or property.

No benches were purchsed during the year.

(*f*) Steam Rollers.

The total strength of steam rollers is 34 including 4 rollers taken over from the City Improvement Trust. Out of these, 28 are on road work and 6 on asphalt work. The average number of rollers used on roads per day came to 25 including the asphalt rollers.

The total expenditure on maintenance of steam rollers during the year amounted to Rs. 64,915-5-0.

(*g*) Motor Traction.

During the year 1933-34 14 motor lorries of the Transport Department travelled 1,23,937 miles.

Departments using these lorries are charged at the rate of annas ten per lorry per mile for the first 2 months and annas nine per mile for the last 10 months and Rs. 3-8-0 per brass from any Municipal Crusher to any part of the City. In addition to the above Rs. 1-4-0 per brass was charged for hauling rubble for Love Grove Crusher and Re. 0-14-6 per ton for hauling, loading, unloading and stacking cement for Chief Storekeeper's Department. These works were formerly carried out by contract.

Several of these lorries though old are still running satisfactorily. A number of scrapped lorries have been disposed of and provision to replace some of them will be made in the Budget for the year 1935-36.

The number of lorries referred to above do not include the Ambulances, Health Department, Water Department and Drainage lorries and Meat Vans which total 68 and are run by the respective departments.

The cost of running the motor lorries of the Works Branch during the year amounted to Rs. 50,650.

Two lorries were purchased during the year to replace the old ones.

107. Works carried out on behalf of other Departments or private parties.

(*a*) 32 works were carried out departmentally on behalf of other departments during the year 1933-34 at a total cost of Rs. 18,059-8-0.

(*b*) 71 works were carried out during the year on behalf of private parties after receiving deposits from them at a total cost of Rs. 21,202-13-0.

Permits Issued.

108. In all 1,725 permits were issued during the year under report for the following purposes: —

		Nos.
1.	Temporary erection of mandaps	137
2.	For placing chairs and benches	365
3.	For erection of scaffolding or stacking building materials	958
4.	For 'Holi' festival (free)	128
5.	For 'Mohurrum' festival (free)	137
	Total ..	1,725

Purchase of Plant and Machinery.

109. During the year a provision of Rs. 6,000 was made in the Budget for the purchase of two bitumen boilers, out of which only one was purchased, from Messrs. Richardson and Cruddas at a cost of Rs. 1,255.

Street Widening consequent upon Set-backs.

110. About 2,435.83 sq. yards of land was added to the roads as set-backs in different wards of the City and expenditure incurred in carrying out these works amounted to Rs. 18,509-8-9. This includes the cost of such incidental works as shifting of tram poles, electric cables, etc., which came within the area of set-backs.

Occupation of Roads with Building Materials.

111. Action under Section 322 (c) of the Municipal Act was taken by this Department to prevent unauthorised occupation of roads with building materials. About 610 notices were served for contravening the provisions of this Section.

958 bills were prepared for the recovery of the fees for occupation of roads with building materials or scaffolding and the fees recovered amounted to Rs. 16,527-12-0.

Recovery of ground rent on account of occupation of Roads and Footpaths by Private and Public Bodies.

112. 1,198 monthly bills and 79 yearly bills were prepared for recovery of ground rent in respect of temporary lettings of roadside lands or parts of footpaths for erection of petrol tanks, pumps and other miscellaneous occupation and the rents recovered in this respect amounted to Rs. 41,045-8-6. This is exclusive of the rent for tramway tracks, which amounted to Rs. 65,524-9-0.

No money was received from the Bombay Telephone Company in respect of way-leave rental for telephone wires placed on municipal roads for the year under report. The dispute which was pending between the Company and the Municipal Corporation for the last 12 years has now been amicably settled, *vide* C. R. No. 7342, dated 23rd November 1933. In accordance with the terms of agreement arrived at between the parties, the Company is to pay to the Corporation a sum of Rs. 67,000 per annum for the period commencing from the 1st April 1934 upto 31st March 1943, and for the period commencing from the 1st April 1943 upto the date of expiry of the Company's license, *i.e.*, upto 31st March 1963, a sum of Rs. 70,000 per annum.

Permission for installation of two tanks was granted to dealers in petrol.

113. Road materials and materials required for drainage works purchased during the year are as per statement marked W. E./D.

Tramways.

114. No new tramways tracks were laid during the year under report.

In accordance with Corporation Resolution No. 4313 of 7th October 1915, the following information regarding the rolling stock has been obtained from the B. E. S. & Tramways Company, Ltd., for the year under report :—

The Number of cars running in the City classified according to the different types with the total carrying capacity of each.	265 units consisting of :—
	58 double deck bogies, each seating 104 passengers.
	1 double deck bogy, each seating 100 passengers.
	1 double deck bogy, each seating 86 passengers.
	9 bogie trains, each seating 98 passengers.
	53 bogie trains, each seating 94 passengers.
	5 single trucks, each seating 32 passengers.
	15 single trucks double deck, each seating 64 passengers.
	98 single truck trains, 78 passengers.
	45 single truck trains, 70 passengers.
	265

During the year no new tram shelters were erected by the B. E. S. and Tramways Co. Ltd.

Street Name Boards.

115. 109 new street name-boards were fixed during the year under report. Old boards were renewed and painted where necessary at a total cost of Rs. 1,404-8-0.

Repairs to Capital Roads.

116. 35 roads constructed on permanent basis were repaired (in parts) at a total cost of Rs. 65,567-8-0.

Cleansing and repairing Port Trust Wharves and Roads.

117. As sanctioned by the Corporation a rebate of Rs. 1,60,550 was paid to the Port Trust on account of maintenance and upkeep of their roads in Cotton Green and Rs. 43,680 for lighting them.

Statement showing materials purchased during 1933-34. W. E./D.

Name of material. 1	Quantity. 2	Rate. 3	Per. 4	Amount. 5	Name of supplier. 6	Remarks. 7
	Ton. cwt. qr. lb.	Rs. a. p.		Rs. a. p.		
Hot Asphalt	1,388 4 0 27	105 8 0	Ton.	146,456 4 3		
Do.	49 93 0 0	87 0 0	,,	4,343 14 7		
Cold Bitumen Emulsion	249 7 1 17	112 0 0	,,	27,929 7 2		
2¼″ metal	520,132 c. ft.	9 3 9	100 c. ft.	48,030 15 0	Mr. Usman Haji Mahomed.	
Coarse sand	153,350 ,,	11 2 0	,,	17,060 2 10	Messrs. Tejoo Kaya & Co.	
	Ton. cwt. qr.					
coke	1,213 6 2	24 0 0	Ton.	29,119 12 9	The Bombay Gas Co. Ltd.	
Red Hill earth	511 c. ft.	12 0 0	100 c. ft.	57 0 6		
Rabbit or debris	5,614 ,,	4 0 0	,,	208 13 5		
Lime fresh Andheri	13,098 ,,	28 0 0	,,	3,410 11 6		
Lime mortar	217 0 ,,	30 0 0	,,	757 1 5		
Water-tables	7,871 Nos.	40 0 0	100 nos.	2,928 0 2		
Stone rubble	11,230 c. ft.	10 0 0	100 c. ft.	1,045 6 3	'A' (Messrs. Rawji Sojpal & Co.	'A' The actual rate for materials bracketted in this statement is 7 per cent below the rate quoted in Column No. 3.
Shahabad stone 3″	13,784 s. ft.	25 0 0	100 s. ft.	3,204 12 6		
Kerb stones	5,204′-8″	65 0 0	100 r. ft.	3,146 3 5		
Sett stones	1,03,090 Nos.	11 0 0	100 Nos.	10,546 1 9		
Blue stone paving	12,618 ,,	35 0 0	,,	4,107 2 7		
Dhapas 6″ thick	3,294 ,,	50 0 0	,,	1,532 11 4		
Bricks, bamboos, rafters, drainage materials, etc.	....	....	....	10,902 4 2		
			Total Rs.	3,14,786 13 7		

Street Lighting.

118. During the year under report the street lighting was done by 7,094 gas lamps, 1,439 electric lamps, 180 (Bannister) Incandescent oil lamps and 20 kerosene oil lamps.

The amount spent on each for the year is given as under :—

	Rs.	a.	p.
Gas lamps	6,17,154	2	10
Electric lamps	2,73,497	5	6
Bannister (Incandescent Kerosene oil) lamps	38,791	12	10
Kerosene oil lamps	708	1	0
Total ..	9,30,151	6	2

In addition to the above a sum of Rs. 30,309-4-3 was spent on the following items :—

		Rs.	a.	p.
(1)	For erecting new lamps to improve the lighting arrangement	950	0	0
(2)	Repairs and maintenance	8,921	11	3
(3)	Establishment	19,982	15	0
(4)	Miscellaneous	454	10	0
	Total ..	30,309	4	3

The total expenditure incurred on lighting during the year amounted to Rs. 9,60,460-10-5.

New lamps as shown below were provided on the following roads :—

(*a*) *Electric Lamps.*

Parel Tank Road	47—75 watt.
Dharavi Road	53—75 watt.
Strand Road	2—200 watt.
Chaupatty foot overbridge	4—100 watt.

(*b*) *Gas Lamps.*

Gowliwad off Chandanwadi	3—1-lt.	Littleton.
Nanabhoy Byramji Oart	4—1-lt.	,,
Private Street off Lady Jamshedji Road near Khandke Building	4—1-lt.	,,
40′ New Road off Girgaum Road (Guzder Park Lane)	1—2 lt.	,,
Duncan Road 1st Cross Lane	1—2-lt.	,,
40′ New Road off Grant Road (Dr. E. J. Hakim's Estate)	2—2-lt.	,,
Globe Mill Passage	14—2-lt.	,,
40′ Road off Mahim Bazar Cross Road Extension	2—2-lt.	,,
New Cross Road East of Gokhale Road (South).	2—2-lt.	,,
Road West of Lady Jamshedji Road near School	6—2-lt.	,,
Worli Koliwada Road	12—2-lt.	,,
Cleveland Road	15—2-lt.	,,
Sluice Road	12—2-lt.	,,
'Y' Roads off Lady Jamshedji Road	14—2-lt.	,,
'Y' Roads off Lady Jamshedji Road	1—3-lt.	,,
Tripartite Road	6—4-lt.	,,
Bhuleshwar Road	1—6-lt.	Rochester (5-lt. Littleton).
1st Mahim Station Lane	1—2-lt.	Hexagonal.
Road No. 15A, Dadar-Matunga Estate ..	1—2-lt.	,,
DeLisle Road	6—3-lt.	,,

The total candle power on roads is as given below :—

	1933-34.
Gas	16,45,552
Electric	3,96,710
Bannister	72,000

The number and type of Gas and Electric lamps are given below :—

Low Pressure Gas Lamps.

Type of lantern.	1-lt.	2-lt.	3-lt.	4-lt.	5-lt.	6-lt.	10-lt.	12-lt.	18-lt.	24-lt.	Total.
Hexagonal	..	3,310	502	291	..	..	..	..	..	1	4,104
Bombay	..	932	..	259	..	..	..	..	..	..	1,191
Littleton	103	411	150	207	276	..	..	..	..	..	1,147
Rochester	..	..	(*a*) 311	9	(*b*) 67	(*c*) 62	20	(*d*) 46	28	..	543
											6,985

(*a*) 6-lt. lamps burning with 3 mantles only.

(*b*) 41-6-lt. lamps and 26-10-lt. lamps burning with 5 mantles only.

(*c*) 58-6-lt. lamps and 4-12-lt. ,, ,, ,, 6 ,, ,,

(*d*) 2-12-lt. lamps and 4-18-lt. ,, ,, ,, 12 ,, ,, and 40-12-lt. lamps burning with 8 mantles only.

High Pressure Gas Lamps.

Type of lantern.	300 C. P.	500 C. P.	1,000 C. P.	1,500 C. P.	3,000 C. P.	Total.
Keith	2	17	27	53	2	101
Suggs	8	..	..	..	..	8
						109

Electric Lamps.

Type of lantern.	40 watt.	75 watt.	100 watt.	150 watt.	200 watt.	300 watt.	500 watt.	Street Lamps. 1,000 watt.	Street Lamps. 1,500 watt.	"Turtle."	Total.
Holophane or Heydon, Harrison or Wembly or Wadle or City lanterns	13	105	61	1	393	824	32	8	1	1	1,439

The above statement of lamps includes (I) the lamps maintained by the B. E. S. & T. Co., Ltd., near Victoria Terminus, (II) lamps taken over from private streets when they were declared public, (III) lamps taken over from the Bombay Improvement Trust, (IV) lamps maintained by the G. I. P. Railway Company and B. B. & C. I. Railway Company for the Bombay Municipality and (V) lamps taken over from the Bombay Port Trust.

Details of lamps taken over from other bodies are as under :—

(*a*) *Gas Lamps.*

	1-lt. Littleton.	2-lt. Littleton.	2-lt. Hexagonal.	6-lt. Rochester (6-lt. Bannister Oil).	Total.
B. I. Trust	..	..	1	..	1
Private Street	11	4	..	1	16

(*b*) *Electric Lamps.*

	200 watt.	100 watt.
B. P. Trust	2	....
B. B. & C. I. Railway	....	4

The total quantity of gas consumed for street lighting during the year was 20,12,66,558 c.ft. as against 20,04,28,289 c.ft. in the previous year : Calorific value of gas being 400 (Min.) B. T. U.

Electricity.

	1933-34.	1932-33.
Load of all-night lamps	..343.62 K.W.	339.22 K.W.
Load of half-night lamps	.. 22.10 K.W.	22.10 K.W.
Total aggregate load of lamps ..	..365.72 K.W.	361.32 K.W.

During the year steps were taken to economise the lighting cost by reducing the candle power of gas lamps, wattage of electric lamps and by replacing the Incandescent oil lamps by gas and electric lamps.

Trust Schemes Taken Over by the Works Branch.

119. The following schemes were taken over by the Works Branch for maintenance consequent upon the amalgamation of the Bombay Improvement Trust with the Municipality on 1st October 1933 :—

	Name of Scheme.
Scheme No. 1	1st Nagpada.
,, 2	Princess Street.
,, 3	Sandhurst Road.
,, 4	Gamdevi.
,, 5	Dadar-Matunga.
,, 6	Sion-Matunga.
,, 8	Mandvi-Koliwada.
,, 11	West Agripada.
,, 12	Connaught Road.
,, 27	Mathew Road.
,, 29	Nowroji Hill.
,, 31	Parel.
,, 32	East Agripada.
,, 37	Sydenham Road.
,, 41	Undria Street.

Name of Scheme.

Scheme No.	43	.. .. Parel Road Central.
,,	47	.. .. ,, ,, Northern.
,,	52	.. .. Worli.
,,	53	.. .. Foras Road.
,,	54	.. .. Kolbhatwadi.
,,	56	.. .. Dharavi.
,,	57	.. .. Sewri Wadala.
,,	58	.. .. Worli Extension.
,,	60	.. .. Naigaum.
,,	61	.. .. Ferguson Road.
,,	66	.. .. Mahaluxmi.
,,	71	.. .. West Chaupatty, Wodehouse Road plots.

120. The following New Works were carried out in the different schemes taken over by the Works Branch from the Bombay Improvement Trust.

No. of Scheme.	Nature of work.	Total expenditure booked up to 28th Feb. 1934.
		Rs. a. p.
Scheme No. 3, Sandhurst Road.	Pavement of footpath opposite plot No. 115	665 0 0
Scheme No. 5, Dadar-Matunga..	Construction of footpath	549 4 1
Do. do.	Spramex surfacing and remodelling eastern carriageway between:—	
	(1) Road No. 35 and 100' Avenue ..	4,137 0 7
Do. do.	(2) Between 100' Avenue and Tilak Road	5,318 5 10
Scheme No. 29, Nowroji Hill ..	Providing and laying 12" s. w. pipe drain in Road No. 7, plot No. 87	754 2 0
Scheme No. 31, Parel	Laying 9" pipe sewer near plot No. 222 .	1,306 7 9
Do.	Laying 6" pipe sewer in the service passage at Suparibag Etate	869 13 1
	Total Rs. ..	13,600 1 4

121. Similarly the Bombay Improvement Trust quarries at Sewri, Bhoiwada, Wadala and Gowari were taken over by the Works Branch from 1st January 1934 together with the quarry materials. The value of the materials taken over as per sanctioned rates amounted to Rs. 9,600 for Sewri Quarry and Rs. 61,700 for the quarries in Scheme No. 57 and the amount of sales effected since 1st January 1934 came to Rs. 1,148 and Rs. 12,426 respectively. The expenditure incurred during the period of 3 months from 1st January 1934 to 31st March 1934 amounted to Rs. 568 and the values of the materials on hand by the end of the year as per sanctioned rates was Rs. 8,450 for Sewri Quarry and Rs. 49,725 for Scheme No. 57.

122. Worli Quarry in Scheme No. 52 was also taken over from 1st November 1933. The value of the quarried materials amounted to Rs. 3,71,490-1-5 and the amount of sales effected was Rs. 7,655-10-2. The expenditure incurred, or watching issuing materials, etc., amounted to Rs. 226-14-0.

DISPOSAL OF TOWN REFUSE.

Area Reclaimed.

123. About 5 acres of land was reclaimed during the year. The total area reclaimed comes to about 280 acres.

Income.

124. The rights of cultivating the reclaimed land and that of the Slaughter House area for the year ending 31st March 1934 were sold for Rs. 6,300 and Rs. 500 respectively and those of the fishing in the Khajans, etc., in the above plots were sold for Rs. 1,500. A grocer's shop in the Municipal camp at Chembur is being conducted by the staff on co-operative lines.

Accidents and Fire.

125. Most of the reclaimed land during the year caught fire and train had to be shifted from siding to siding. No damage was however caused either to the Permanent Way or to the Rolling Stock.

Detention to the Katchra Train.

126. Engine detention fee of Rs. 5 per hour per trip had to be paid to the Railway throughout the year, as the temporary sidings were too long to allow of the shunting operations being finished within the stipulated time of 30 minutes per trip.

Sickness.

127. The general health of the inmates of the camp which is inhabited by about 1,000 persons, was satisfactory and there was not much sickness. Medical Attendant, Dr. Rane of the Health Department, visited the camp regularly every evening and administered medicine free.

There were 23 deaths of which 17 were children and 35 births, of which 19 were males and 16 were females.

Education of the Children of the Staff.

128. An elementary Vernacular School for the benefit of the children of the labour staff was established 26 years back by the Depressed Class Mission Society and it is progressing satisfactorily. The average daily attendance is 53 in a population of about 1,000.

Bone Factory.

129. A piece of land admeasuring 3,000 sq. yds. has been leased to Messrs. Anderson Dawn & Co., for a period of 13 years from 1929 at a monthly rent of Rs. 10 for a bone factory erected thereon. Further the Company has been allowed to use Municipal line for bringing their bone material, etc., in foreign wagons at Rs. 2 per wagon per trip.

Military Tram Line.

130. Land admeasuring 41,912 sq. yds. has been given to the Military Department for laying a tram line at an annual rent of Rs. 132 from Military Explosive Depot to the Pier erected at the Thana Creek.

I have the honour to be,
Sir,
Your most obedient servant,

N. V. MODAK,
Ag. *City Engineer.*

No. MC/1078-34 of 1934-35.

BOMBAY, 25*th September* 1934.

FROM

THE DEPUTY MUNICIPAL COMMISSIONER (IMPROVEMENTS)

To

THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY.

Subject : *Administration Report for the year* 1933-34.

Sir,

With reference to your Circular No. MC/1078-34, dated 28th April 1934, I have the honour to forward herewith the Administration Report of the departments under my control for the year 1933-34.

ESTATE AND LAND MANAGEMENT.

During the year under report, the Bill for the amalgamation of the Improvement Trust with the Bombay Municipality was passed into law and the Trust was amalgamated with the Municipality from 1st October 1933. The Land Manager's Department of the Bombay Municipality was combined with the Estate Agent's Department of the Trust and placed in charge of Estate Agent and Land Manager. The Engineering Department and the Chief Accountant's Department were merged with the Engineering and Chief Accountant's Department of the Bombay Municipality and the work in connection with the meetings of the Committee, etc., was taken over by the Municipal Secretary.

A provision has been made in the Amending Bill that the consideration for which any immoveable property or any right belonging to the Corporation may be sold, leased or otherwise transferred shall not be less than the market value of such premium, rent or other consideration, the underlying idea being that if any assistance is to be granted to any deserving institution it should be in the shape of a grant-in-aid rather than a concession in the rate charged for the land.

The Budget estimates relating to the transactions of the Trust are after the amalgamation being shown separately under Budget Estimates " B." With a view to enabling the Trust to balance its Budget within a reasonable period, the Trust has been given additional sources of revenue by the Government of Bombay and the Bombay Municipality. The duty on tobacco has been increased from Rs. 7-8-0 per maund to Rs. 30 per maund and ¾ths of the net receipts from this duty are to be credited to the Trust account. This is expected to give an additional revenue of Rs. 10 to 12 lakhs to the Trust. The Municipality have increased their contribution to the Trust from 2 per cent. to 3 per cent. which is expected to give an additional revenue of about Rs. 11½ lakhs per year.

The deficit of the Trust which was increasing at an alarming rate and was as much as 29.9 lakhs in the year 1932-33 has as a result of the additional revenue been reduced to 12.7 lakhs in the year under report.

There has been very great improvement in the disposal of Trust plots and the area and value of the land given on permanent leases has shown steady and welcome improvement as will be clear from the following figures :—

PERMANENT LEASING.

Year.	Area in Sq. Yds.	Value in Rupees.
1930-31	26,445	3,58,248
1931-32	84,757	13,58,981
1932-33	99,326	15,00,597
1933-34	1,45,332	26,84,519
Total ..	3,55,860	59,02,345

The rapid rise in the disposal of lands during the year under report is partly due to the fall in the rate of interest on other kinds of investment.

6. During the year under report the Trust had not to raise any loan to meet its requirements of funds. The large amount received as premium for the lands leased was mostly responsible for the Trust being able to carry on without raising any loan.

NEW SCHEMES.

Trust Programme.

7. No Scheme was notified. The proposed Scheme No. 72 for the completion of the remaining portion of the Tripartite Road has been approved by the Committee and draft notifications are being prepared. As soon as these are ready the Scheme will be taken in hand.

Acquisition of Land.—L. A. O's Cases.

The total number of outstanding cases was 30. One of the cases in Scheme 52 was split up into 3 cases. The total number of cases brought to the file during the year was therefore 32.

Out of these 7 (seven) cases having an aggregate area of 1,880 sq. yds. were disposed of and compensation amounting to Rs. 15,634 was awarded. 12 (twelve) cases were withdrawn and compensation under Section 48 (2) of the Land Acquisition Act amounting to Rs. 100 was paid in one case.

At the end of the year 1932-33 a total area of 33,730 sq. yds. remained to be acquired. Area acquired in the year under review, *viz.*, 1,880 sq. yds. represent nearly 5.56 per cent. of the said area.

The total area acquired included 145 sq. yds. of passage land in one case for which nominal compensation of Re. 1 was paid. Out of the remaining 6 (six) cases covering an area of 1,735 sq. yds., one case was awarded and the remaining 5 cases were settlement cases.

High Court References.

15 (fifteen) references were brought over from the preceding year and two more were filed during the year. Thus 17 (seventeen) references were pending at the close of the year.

Out of the Schemes that were sanctioned by the old Board of Trustees there are only 13 cases having an area of 14,040 sq. yds. remaining to be acquired as per details given below. The estimated compensation for acquiring these cases is about Rs. 18,800.

Scheme No.	No. of Cases.	Area in Sq. yds.	Estimated Value.
			Rs.
5	3	4,425	9,200
37	6	2,153	9,598
57	3	7,347	1
58	1	115	1
Total ..	13	14,040	18,800

Changes in Trust Estates.

As a result of the amalgamation of the Trust with the Bombay Municipality on 1st October 1933 under Bombay Act No. XIII of 1933 there have been changes in the Schedule C, D, E and F Lands which are now styled as W, X, Y and Z.

The changes are as given below and are mainly due to resumption of the Cooperage Plot, Marine Lines Cross Maidan and the Plot on which there are Bodyguard Lines.

	As on 1st April 1933.		As on 1st April 1934.	
	Area.	Value.	Area.	Value.
	Sq. Yds.	Rs.	Sq. Yds.	Rs.
Schedule Lands C, E and F now termed W, Y and Z	18,19,657	41,47,887	16,55,615	33,27,709
Schedule D Lands now termed X ..	4,07,878	15,48,872	3,96,812	14,81,709

The net changes in the Trust Estates effected are set out in the following statement :—

	As at the beginning of 1933-34 Square Yards in Thousands.	As at the end of 1933-34 Square Yards in Thousands.
Developed Land.		
Permanently leased	23,22	24,27
Trust Chawl Sites	1,89	1,89
Yet to be permanently leased	14,96	13,83
Total ..	40,07	39,99
Rent of permanently leased area	25.8 lakhs.	26.4 lakhs.
Undeveloped Land.		
Area in thousands of square yards	74,60	73,87
Cost of acquisition	272 lakhs.	272 lakhs.

It will be seen that at the end of 1933-34 out of a total area of 1,39,36,000 square yard (2,879 acres) vested in or acquired by the Trust about ½ remains to be developed ; of the developed area about ⅓rd remains to be leased. The average value of the leased plots is Rs. 17 per square yard ; that of those which remained to be leased is estimated at Rs. 18 per square yard on the basis of the rates of land fixed some years back.

Progress of Development.

In Scheme No. 5, Dadar Matunga Estate the original 9 plots having been found too big for prospective lessees were relaid into 45 smaller plots and were agreed to be leased.

Dishousing and Rehousing.

Upto the beginning of 1933-34 completion certificates had been granted in respect of 1,143 buildings on the Trust Estates (exclusive of Police and Trust Chawls).

In 1933-34 completion certificates were granted for 56 new buildings and in addition permission was given for the occupation of 67 buildings.

A large number of rooms in the post-war chawls built by the late Improvement Trust remained unlet during the year in spite of revision in rents with a view to reduce the vacancies. Vacancies in the pre-war chawls were however very few.

With a view to reducing vacancies in the Trust Chawls, the Municipality and the Trust decided to give rent free quarters to such members of the menial staff as were in receipt of House Allowance. The House Allowance of those members of the menial staff who refused to take advantage of the rent free accommodation offered was reduced from Rs. 6 or Rs. 7 per month to Rs. 4 per month.

During the year, 46 acquired buildings on the Estates of the late Improvement Trust containing 300 tenements, of which 242 were one-room tenements, were demolished.

The new residential accommodation made available in the late Improvement Trust Estates during the year excluding shops and other non-residential quarters amounted to 1,295 tenements and these were all provided in houses erected by lessees.

It will be seen from Appendix E that the total number of tenements provided upto date in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeds the total number of tenements demolished by 17,188 as shown below :—

(*a*)	Tenements provided in the Trust Chawls (including three-room and two-room tenements and cottages at Matunga)	9,716
(*b*)	Tenements provided in the Chawls erected by the Spring Mills, Century Mills, The Kohinoor Mills and the David Mills and in the Chawls erected by the Development Directorate on the Trust Estates and the various Police Accommodation Schemes..	18,555
(*c*)	Tenements provided in the S. P. Sheds erected by the late Board.. ..	1,800
(*d*)	Tenements provided in the Board's lessees' Buildings	21,254
	Total ..	51,325
Less—		
	Tenements demolished..	34,137
	Excess of new tenements over tenements demolished	17,188

DISPOSAL OF LANDS.

Long Leases.

The number of plots let during the year was 178 having a total area of 1,45,332.42 square yards (30 acres) and valued at Rs. 26,80,919. In addition 12 plots having an area of 2,688.44 square yards ($\frac{1}{2}$ acre) were sold outright for Rs. 13,109. Deducting 5 plots which were resumed during the year the total number of plots disposed of upto the end of 1933-34, is 2,000 measuring 26,18,988 square yards (541 acres) valued at Rs. 6,62,67,109 and having an annual rent of Rs. 26,39,692. The rate at which ground rents are capitalized in the various tables in this report is at 22$\frac{1}{4}$ years' purchase for plots let before the 23rd November 1920 and at 18 years' purchase thereafter.

The figures indicating the progress in the disposal of the Trust lands in the year are as follows :—

No.	Particulars.	No. of Plots.	Area Square Yards.	Capital Value Rs.	Annual Rent Rs.
I	Plots leased (Rent)	(*A*) 136	1,03,534.42	17,60,454	97,803
	Plots leased (premium paid) ..	(*B*) 42	41,798.00	9,20,465	(*a*) 34
II	Land sold	12	2,688.44	13,109	*Nil.*
III	Total plots disposed of	190	1,48,020.86	26,94,028	97,837
IV	Plots disposed of in 1933-34 or earlier but surrendered to and re-entered by the Board	5	10,029.00	3,55,753	(*b*) 16,304
	Net Total ..	185	1,37,991.86	23,38,275	(*c*) 81,533
	Corresponding figures :—				
	for 1932-33	+ 152	+ 1,02,245.00	+ 11,95,403	+ 42,131
	for 1931-32	+ 57	+ 57,204.00	— 5,19,098	— 26,514
	for 1930-31	+ 21	+ 1,466.00	— 2,79,683	— 12,651

(*a*) Interest on the premia at 6 per cent. will be equal to about Rs. 55,228.

(*b*) Net receipts from tenants occupying the buildings against this loss of ground rent is about Rs. 12,797 per annum.

(*c*) If the net rent and interest on premia are taken into account the result will show a figure of Rs. 1,49,558 instead of Rs. 81,533.

In Appendix F are given the details of leasing on each Estate.

In point of number, area, capital value and annual rent the result shows a material increase as compared with the previous year despite a general depression. Easy monetary conditions due to the rates of interest on gilt-edged securities having gone down, diverted the attention of investors to land resulting in larger sales.

Short Leases.

There were 1,025 acquired and surrendered or re-entered-upon buildings in charge of the late Bombay Improvement Trust at the commencement of the year. Whilst no buildings were acquired during the year, 46 buildings were demolished and 1 building was handed over to the Trustees of a mosque in Scheme 32. There was an addition of one building due to the surrender of building on plot No. 11 in Scheme No. 29.

Thus, at the end of the year, the Municipality came to have from the Trust 979 buildings containing 7,240 tenements. The net change during the year was :—

Date.	No. of Bldgs. *	Tene-ments.	Gross Rental in Lakhs.	One-room Tene-ments.	Two-room Tene-ments.	Larger Tene-ments.	Shops.	Godowns.	Factories.
31-3-1933 ..	1,025	7,604	10.13	5,471	1,068	513	425	96	3
31-3-1934 ..	979	7,240	9.53	5,386	1,006	394	318	113	† 21

* Includes buildings on the plots surrendered by the lessees in Schemes 3 and 29.

† Inclusive of dyeing sheds and stables.

The rents realised for acquired buildings in 1933-34 aggregated Rs. 7,37,132.

The total temporary revenue realised during the year was Rs. 10,65,291 which compares with corresponding figures of the previous two years as under :—

Particulars.	1931-32.	1932-33.	1933-34.
Rents from acquired buildings	7,49,827	7,45,318	7,37,132
,, from lands let for temporary structure ..	2,72,549	2,55,464	2,61,352
,, from lands let for storing materials	22,863	25,588	23,127
,, from lands let for cultivation, etc.	40,615	39,639	43,680
Total ..	10,85,854	10,66,009	10,65,291

The full letting value of the 10,074 rooms including shops, godowns and looms, in the late Bombay Improvement Trust Chawls, was Rs. 9,75,996 on 31st March 1934 (*vide* Appendix D and foot-note B). The gross demand for the year was Rs. 9,67,173. The net demand for the year (after excluding the amount for vacancies, Rs. 99,974) was Rs. 8,67,199.

The revenue actually collected amounted to Rs. 8,34,691, which is equivalent to 96.25 per cent. of the net demand for the year.

The gross demand for the year 1933-34 of the 1,589 rooms in the Semi-permanent Sheds including Sweepers' Sheds and looms in Weavers' Sheds was Rs. 60,474. The net demand for the year excluding vacancies (Rs. 4,182) was Rs. 56,292. The revenue actually collected amounted to Rs. 54,034, which is equivalent to 96.07 per cent. of the net demand of the year.

The rents charged for single room tenements in the Permanent Chawls built by the Trust, range from Rs. 4-9-0 to Rs. 12-0-0.

The percentage of outgoings is shown below. On the basis of the maximum annual rental of Rs. 9,75,996 of full letting value of the chawls on 31st March 1934, the total outgoings come to 48.00 per cent. out of which 10.24 per cent. is due to vacancies which means that the actual outgoings are slightly less than 38 per cent.

Particulars.	Permanent Chawls.		S. P. Sheds.		Remarks.
	1932-33.	1933-34.	1932-33.	1933-34.	
Sanitary Staff	4.01	4.01	6.19	6.08	
Pumpmen	.16	.16	....	....	
Cost of Management & Establishment.	7.50	7.50	7.50	7.50	
Municipal Rates and Taxes	15.19	16.16	11.66	18.14	
Repairs and Maintenance	11.71	9.93	20.58	22.98	
Vacancies	11.73	10.24	7.33	6.91	
Total ..	50.30	48.00	53.26	61.61	

The net annual income from the Permanent Chawls works out to Rs. 5,07,517.92 or 3.42 per cent. of the cost of chawls, *viz.* Rs. 148.3 lakhs including value of the land (*vide* Appendix C). The Corporation have to pay interest and Sinking Fund charges on the cost at 4.61 per cent. per annum of the capital expenditure prior to 1919-20 and at 6.35 per cent. per annum on the expenditure incurred since 1919-20. This would amount to Rs. 8.67 lakhs per annum showing a loss of about 3.6 lakhs for the year and is equivalent to a loss of about Rs. 35.67 per room per annum.

The average population in the Chawls during 1933-34 was 29,091 against 28,961 and 29,962 in 1932-33 and 1931-32 respectively, whilst the corresponding figures for S. P. Sheds were 4,510, 4,610 and 4,666, respectively.

COLLECTION OF REVENUE.

Details of the collection of Revenue can be seen from the following table :—

Particulars	Revenue.		Total.
	Permanent.	Temporary.	
	Rs.	Rs.	Rs.
Amount for collection .. Demand for the year ..	29,56,049	20,63,336	50 19,385
Amount for collection .. Arrears	2,91,422	9,36,758	12,28,180
Total ..	32,47,471	30,00,094	62,47,565
Amount collected	28,89,481	(a) 19,54,066.	48,43,547
Amount written off	....	98,889	98,889
Arrears as on 1st April 1934	3,57,990	9,47,139	13,05,129
,, ,, ,, 1st April 1933	2,91,422	9,36,758*	12,28,180
,, ,, ,, 1st April 1932	3,17,161	7,49,933	10,67,094

(*a*) Exclusive of the collection from the Labour camps in Scheme Nos. 6, 52, 57, and 60.

* Subsequent alterations, rebates and withdrawals for 1932-1933, deducted from the arrears for the current year.

Outstandings of permanent and temporary revenue at the end of the year were 11 per cent and 31.5 per cent respectively of the total demand.

In connection with the temporary revenue, 91 suits and distress warrants were filed for claims aggregating Rs. 10,833 and the total recovery effected amounted to Rs. 7,676.

Legal.—In the year under review, 1,184 ejectment suits were filed against tenants who had run into arrears of rent. The total cost incurred for these suits amounted to Rs. 15,614, the total recovery effected being Rs. 7,710 only. Most of these tenants made themselves scarce after the filing of suits, as they were unable to pay and hence a moiety of the amounts of costs incurred is outstanding.

The reduction in the number of ejectment suits from 1,463 filed during the year 1932-1933 to 1,184 filed during 1933-1934 was not due to any improvement in the financial position of the tenants who generally belong to the poorest classes but was mainly due to the necessity of giving fresh notices to tenants after the Municipal Commissioner delegated the powers for the management of Revenue Collection to the Estate Agent and Land Manager in December 1933. The preliminaries before suits were filed were also varied due to amalgamation.

The policy of filing suits for recovery of permanent revenue has now been almost discontinued and in cases of default, after giving final notice threatening re-entry to the Lessees, the matter is reported to the Improvements Committee for sanction to re-entry with a view to determine the lease. This course has been found to be very effective for the recovery of the arrears. There were only 4 cases of default in which legal action was taken in the beginning of the year.

A comparative statement showing the number of permanent tenancies with demand and collection as on 31st March of the past ten years is given below :—

Particulars.	1925.	1926.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.
Number of tenancies ..	1,290	1,200	1,220	1,233	1,290	1,324	1,352	1,390	1,447	1,576
Amount for collection in lakhs of Rupees	29.76	29.14	28.92	29.44	30.61	32.96	33.36	33.08	33.25	32.48
Collection in lakhs of Rupees.	27.40	27.31	27.49	27.32	28.21	30.02	30.10	29.91	30.34	28.90
Arrears in lakhs of Rupees ..	2.36	1.83	1.43	2.12	2.40	2.94	3.26	3.17	2.91	3.58
Percentage of arrears to demand	7.9	6.4	4.9	7.2	7.9	8.9	9.8	9.6	8.7	11

LAND ACQUISITION AND MANAGEMENT.

Schemes, Overbridges, Roads, etc., of the Municipal Section.

DeLisle Road Overbridge.—The Scheme is complete. The annual income realised from the acquired properties in this Scheme was Rs. 15,366-1-0.

Dadar Overbridge.—The Scheme is complete so far as acquisition is concerned.

Mahalaxmi Overbridge.—The acquired structures and lands continued to be let and brought a revenue of Rs. 71,703-11-11.

Victoria Road Overbridge.—The total rent realised amounted to Rs. 6,756.

Golanji Hill Road.—The construction of half the width of the Tripartite Road has been completed and the road is opened to traffic. The annual income from the properties let in the Scheme came to Rs. 7,984-12-0.

Hornby Road to Ballard Pier Scheme.—In this Scheme, the only case of which the acquisition proceedings have not been completed is M/436.

New plots leased or sold in this Estate during the year under report are as follows :—

	Area in sq. yards.	Annual Ground Rent. Rs. a. p.
Leased	357	3,320 0 0
Sold	1,736·47	5,74,788 12 0

The total rent realised from this Estate during the year under report came to Rs. 2,41,000-2-3.

Widening of 1st Marine Street.—This Scheme which is very desirable for connecting the traffic from Queen's Road to Carnac Road, Cruickshank Road, Esplanade Road, has been held up for want of funds. Owing to the serious congestion of traffic passing through this street, the Police Commissioner has issued a Notification making this street a one-way street. The revenue from acquired properties came to Rs. 3,684-12-4.

Tulsi Pipe Line Scheme.—The rent recovered from the properties in this Scheme came to Rs. 33,024.

Proposed Road from Haines Road to the junction of Tulsi Pipe Line and Fergusson Road.—This Scheme is still held up for want of funds.

Extension of Municipal Workshops at Foras Road.—The two properties acquired for the extension of the Workshops continued to be let as the Workshops were not extended. The rent recoveries from them amounted to Rs. 12,192.

Municipal Land at Carnac Road acquired for locating Lightning Crushers.—The tenancy of the ground floor of this building at a monthly rent of Rs. 125 continues. The 1st floor has been leased for a period of 5 years at a monthy rent of Rs. 300. The total realization from this Scheme amounted to Rs. 5,100.

Palton Road Estate.—The Estate is continued to be tenanted by a poor class of people. The rent recovery from this Estate came to Rs. 19,992-4-0.

Byculla Market Site.—Attempts were made to lease the whole land but so far they have not been successful. The properties acquired in this Scheme continue to be let and the annual income derived from this Estate came to Rs. 14,709-12-0.

Lease of Land on Musjid Bridge.—The total income from the lands leased came to Rs. 8,430-12-0.

SPECIAL ROAD SCHEMES.

Dadar-Kumbharwada Road Scheme now called Bhawanishankar Road.—The Scheme is complete so far as the acquisition is concerned. The main road is constructed. The Cross Roads which remain to be constructed will be completed as funds permit. The sales effected during the year are mentioned in Statement C, the value of lands sold being Rs. 33,244. The acquired properties in this Scheme continue to be let. The annual rent recovery came to Rs. 18,385-5-0.

Mahim Kapad Bazaar Road.—The Scheme is complete as far as acquisition is concerned. The cross road will be constructed when funds permit.

MAHIM DEVELOPMENT SCHEMES.

Mahim Station Road, Scheme No. I.—The Scheme is complete as far as acquisition is concerned. The main road is constructed. The cross roads will be taken in hand when funds permit.

Three parties have agreed to part with the land admeasuring about 1,353 sq. yards required for the construction of the 40′ Cross Road South of Parsi Association's property on certain terms and conditions and have signed the agreements. Government will be requested to acquire the land under the L. A. Act when the settlements are sanctioned by the Improvements Committee. Dighe Tank site was let for cultivation for a period of one year for Rs. 590.

Nardulla Tank Road, Scheme No. II.—The Scheme is complete as regards acquisition. Nardulla Park site was let for cultivation for a period of one year for Rs. 1,000.

Extension of DeLisle Road Northwards to meet Lady Jamshedji Road, Scheme No. III.—The Scheme is complete as far as acquisition is concerned. The main road is constructed and is named Gokhale Road North and South. Cross roads which remain to be constructed will be made when funds permit. Portions of roads (half width) according to the settlements arrived at with the owners in Cases Nos. M/176, M/168 and M/178 and 181 have been constructed and the road in Case No. M/140 is partially constructed and will be completed shortly. Diversion of Gas Mains near Crown Mills has been completed.

The plots sold in the Scheme are mentioned in Statement C. The value of the lands sold came to Rs. 1,39,250.

Widening and Improving of Lady Jamshedji Road, Scheme No. IV.—The Scheme is complete as regards acquisition. Sales effected in this Scheme are shown in Statement C, attached herewith. The value of the lands sold being Rs. 55,081.

Extension of Mahim Bazar Cross Road to Tulsi Pipe Line, Scheme No. V.—The Scheme is complete as far as acquisition is concerned. The main road with two cross roads has been constructed, some cross roads still remain to be constructed, and will be completed when funds permit. Portion of road near Case No. M/627 has been constructed.

Roads B-D, C-D and D-E between Dadar and Matunga Stations, Scheme No. VII.—The Scheme is complete so far as acquisition of properties required for the roads is concerned. Award in Case M/691 has been published and possession of the land has been taken over by the Municipality. In this case, the land acquired is agreed to be leased to the Church Authorities, the original owners, at the nominal rent of Re. 1 per annum. The award for the acquisition of land belonging to Mrs. Bennett and another has been published and possession of the land has been taken over by the Municipality. Arrangements are being made to realign the passage near Case No. M/661. Roads will be constructed when funds permit. Sales effected in this Scheme are shown in Statement C attached herewith, the value of the land sold being Rs. 4,209.

Two Roads from Cadell Road to Mahim Foreshore near E. D. Sassoon Dye Works, Scheme No. VIII.—The Scheme is complete as far as acquisition is concerned. Portion of cross road in accordance with the settlement in Case No. M/638 has been constructed.

Mahim Park Scheme.—The Scheme is complete so far as acquisition is concerned. Roads round the Park have been laid out with kerbs but will be constructed as funds permit. Recovery of betterment charges in one case will be made after the construction of a small portion of a road. The land for this portion of the road will have to be acquired under the L. A. Act and the owner has agreed to surrender the land required for the road on certain terms.

Proposed Road at Ganesh Peth Land joining Hasali Tank Lane with Lady Jamshedji Road.—One acquisition case is still pending before the L. A. Officer and efforts are being made to get the land by a conveyance.

Statements A, B, and C showing (1) rent accrued, recovered, etc., (2) rent recoveries in individual Schemes and suits filed for recovering the arrears, and (3) lands sold, are herewith attached.

During the year, over 100 offers for Municipal plots of land available for sale or lease were received and about 49,037.02 square yards valued at Rs. 11,10,578-1-0 were sold.

H. B. SHIVDASANI.

STATEMENT A.—1933-1934.

Statement showing the Rents accrued due, recovered, etc., during the year 1933-1934.

Scheme.	Gross Demand.	Vacancies.	Net Demand.	Arrears at the commencement.	Collections.	Write-off.	Balance on 1-4-1934.	Remarks.
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
I. Comprising properties at Hornby Road to Ballard Pier Scheme and Other Municipal properties	2,70,459 8 3	63,242 7 9	2,07,217 0 6	68,654 12 5	2,13,237 7 4	3,180 8 11	58,853 12 8	
II. Comprising properties of Paltan Road, Shaik Memon Street, Mahaluxmi Road Over-Bridge, Victoria Road and Byculla Bridge, etc.	1,83,896 6 3	17,982 14 3	1,65,913 8 0	1,09,494 4 5	1,54,696 15 1	13,130 2 6	1,17,580 10 0	The decrease in recovery is due to the sale of property in Abdul Rehman Street. The amount of Rs. 8,086-5-7 shown as outstanding is not really so as the rents amounting to Rs. 10,400 so far paid by the tenant at Bapty Road are received as deposits pending transfer of the tenancy.
III. Comprising properties at Tulsi Pipe Line, Carrol Road, Gollanji Hill Road, New Sewri Road, DeLisle Road Bridge and Arthur Road, etc.	71,606 3 6	17,713 9 1	53,892 10 5	24,767 10 1	49,886 12 5	586 9 9	28,186 14 4	
IV. Comprising properties acquired in connection with Mahim Park Scheme, Lady Jamshedji Road, etc.	83,847 14 2	8,988 14 8	74,858 15 6	17,727 12 1	62,967 0 11	....	29,619 10 8	Arrears are due to the non-adjustment of amount due from H.O. Rs. 9,912 as also the arrears of rents due from Messrs. Chawan and Nana Kusha for which action has already been taken.
Total ..	6,09,810 0 2	1,07,927 13 9	5,01,882 2 5	2,20,044 7 0	4,80,788 4 7	6,897 5 2	2,34,240 15 8	

STATEMENT B.

Statement showing the recovery of rent in individual Schemes and Suits filed for recovering the arrears of rent during the year 1932-33.

Name of Scheme.	No. of tenancies.	Amount of annual rent from structure.	No. of suits filed.	Total annual income from cocoanut trees and cultivation.		
				No. of tenancies.	Amount.	No. of suits filed.
		Rs. a. p.			Rs. a. p.	
1. Hornby Road to Ballard Pier Scheme.	558	2,03,616 0 0	15	..	....	..
2. Gollanji Hill Road	57	6,033 12 0	6	2	161 0 0	..
3. Mahaluxmi Road, Overbridge ..	116	14,702 4 0	4	..	....	..
4. DeLisle Road Overbridge and Arthur Road.	114	10,677 12 0	7	4	229 0 0	..
5. Victoria Road Overbridge	55	4,908 0 0	..	..	....	..
6. Bellasis Road	4	6,720 0 0	..	..	....	..
7. Palton Road	196	10,915 0 0	6	..	....	..
8. Dadar near D'Silva School ..	6	486 0 0	..	..	....	..
9. Junction of Tulsi Pipe Line and Carol Road.	301	32,045 4 0	21	1	45 0 0	..
10. Old Parbhadevi	17	1,680 0 0	..	2	540 0 0	..
11. Bapty Road and Grant Road ..	6	12,666 0 0	..	..	....	..
12. Byculla Bridge	39	8,123 12 0	2	..	....	..
13. Kalbadevi Road	2	300 0 0	..	..	....	..
14. Sk. Memon Street	7	7,218 0 0	..	..	....	..
15. Sewri Road Asphalt Plant Work ..	19	576 0 0	..	1	40 0 0	..
16 Dadar Kumbharwada	31	1,353 0 0	..	1	112 0 0	..
17. Mahim Park Area	85	19,215 0 0	10	20	4,688 11 4	8
18. Mahim Bazar Cross Road	7	468 0 0	1	2	500 0 0	..
19. Mahim Station Road	1	300 0 0	..	5	586 0 0	..
20. Nardulla Park	4	180 0 0	..	2	1,103 0 0	..
21. DeLisle Road Extension	25	1,827 0 0	2	12	2,452 0 0	1
22. Lady Jamshedji Road	95	6,671 0 0	3	14	2,137 0 0	..
23. Dadar-Matunga Road	40	1,780 0 0	2	10	1,070 14 8	..
24. Turkey Red Dye Works	5	384 0 0	..	2	478 15 0	..
25. Love Grove Pumping Station ..	2	954 0 0	..	5	217 0 0	..
26. Worli Kalsekar's Chawl	8	2,112 0 0	..	..	....	..
27. 1st Marine Lines	1	1,437 11 4	..	..	....	..
28. Sayani Road	..	....	1	..	....	..
29. Portuguese Church	..	....	..	1	23 0 0	..
30. Digi Tank	..	....	..	1	590 0 0	..
31. Ground rents in various localities ..	455	2,52,427 11 2	1	..	....	..
Total ..	2256	6,09,777 2 6	81	85	14,973 9 0	9

STATEMENT C.

Statement showing particulars of the sale of Municipal land during the year 1933-34.

	Land where situated.	Sq. Yds.	Rate per Sq. Yd.	To whom sold.	Corporation Resolution No. and Date.	Total amount due.
			Rs. a. p.			Rs. a. p.
1.	40′ Cross Road, Lady Jamshedji Road, Dadar.	417	9 0 0	Mr. Laxman M. Navalker.	448 of 20-4-33 ..	3,753 0 0
2.	40′ Cross Road, Lady Jamshedji Road, Dadar.	613	11 0 0	Mr. Hiranath D. Khote.	447 ,, 20-4-33 ..	6,743 0 0
3.	40′ Cross Road Lady Jamshedji Road, Dadar.	632.55	11 8 0	Mr. Baliram S. Goregaoker.	445 ,, 20-4-33 ..	7,274 5 2
4.	40′ Cross Road, Lady Jamshedji Road, Dadar.	647	9 0 0	Mr. Kashinath G. Kasurkar.	444 ,, 20-4-33 ..	5,823 0 0
5.	Hornby Road and Sir Phirozshah Mehta Road.	732.47	Lot.	Bombay Mutual Life Assen., Society, Ltd.	596 ,, 24-4-33 ..	2,73,781 9 0
6.	Dadar North of Tilak Bridge.	1,917	9 0 0	Mr. Shivram S. Sawant	980 ,, 1-5-33 ..	17,253 0 0
7.	Gokhale Road, North.	2,217.40	15 0 0	Mr. Ebrahim Haji Aba	1181 ,, 4-5-33 ..	36,261 0 0 Including two Buildings' materials.
8.	Phirozshah Mehta Road and Homji Street.	87.34	200 0 0	Mr B. N. Gamadia..	1183 ,, 4-5-33 ..	17,468 0 0
9.	60′ Cross Road off Gokhale Road, North.	624	10 0 0	Mr. D. T. Chawbal ..	2164 ,, 19-6-33 ..	6,240 0 0
10.	40′ Cross Road off Gokhale Road, South.	1,916	6 0 0	Mr. Francis D'Souza..	2163 ,, 19-6-33 ..	11,496 0 0
11.	Junction of Water Street and Tank Pakhadi Street.	8,288	Lump	Agents, Khatao Makanji Mills.	2193 ,, 19-6-33 ..	1,35,000 0 0
12.	Bhawani Shankar Road, Dadar.	462.57	13 0 0	Mr. Gajanan R. Goregaoker.	2160 ,, 19-6-33 ..	6,013 7 0
13.	40′ Cross Road off Gokhale Road, South.	163	7 0 0	Mr. Bernard C. Rodrigues.	2159 ,, 19-6-33 ..	1,141 0 0
14.	Gokhale Road ..	1,027.62	15 0 0	Mr. D. P. Naik ..	2161 ,, 19-6-33 ..	15,414 4 9
15.	Junction of Foras Road and Falkland Road.	150 258.33	10 0 0 20 0 0	Dr. M. B. Daver and Another.	2194 ,, 19-6-33 ..	6,666 9 7
16.	Bhawani Shankar Road, Dadar.	295.50	12 0 0	Mr. Sitaram Vishram Todanker.	2847 ,, 10-7-33 .. 5223 ,, 25-9-33 ..	3,546 0 0
17.	Ferguson Road ..	968.97	14 0 0	Messrs. Goodlass Wall (India), Ltd.	2576 ,, 29-6-33 ..	13,565 9 3
18.	Hornby Road and Phirozshah Mehta Road.	801.66	325 0 0	Bombay Mutual Life Assurance Society.	2372 ,, 22-6-33 ..	2,70,539 8 0 Including Building materials, (Rs. 10,000).
19.	Lady Jamshedji Road, Dadar.	708.24	13 0 0	Messrs. Anantlal Parmanand and Mohanlal Parmanand.	2165 ,, 19-6-33 ..	9,207 1 11
20.	Mahim Causeway and Lady Jamshedji Road.	15.66	26 0 0	Mr. Karamsi Deosi ..	2158 ,, 19-6-33 ..	407 2 7
21.	Part of Lamington Road and Ripon Road.	2,312.60	8 0 0	Agents: The Indian Mfg. Co., Ltd.	2845 ,, 16-7-33 ..	18,500 12 10
22.	At the corner of Gokhale Road and Bhawani Shankar Road.	1,400	12 0 0	Sir J. B. B. Behram..	3581 ,, 31-7-33 ..	16,800 0 0
	Carried over ..	26,655·91				8,82,894 6 1

STATEMENT C—*contd.*

	Land where situated.	Sq. yds.	Rate per Sq. yd.	To whom sold.	Corporation Resolution No. and Date.	Total amount due.
	Brought forward ..	26,655.91	Rs. a. p.			Rs. a. p. 8,82,894 6 1
23.	50′ Cross Road and Lady Jamshedjee Road.	461.91	15 0 0	Mr.R. E. Papa and Bai Navajbai E. Papa.	3582 of 31-7-33 ..	6,928 10 5
24.	Bhawani Shankar Road.	376	12 0 0	Miss Ross Gertrude Rodrigues.	4107 ,, 17-8-33 ..	4,512 0 0
25.	40′ Cross Road off Gokhale Road, North.	900	7 0 0	Mr. Moreshwar K. Patil.	4104 ,, 17-8-33 ..	6,300 0 0
26.	Do. do. ..	390.12	7 0 0	Mr. Raghunath S. Desai.	4106 ,, 17-8-33 ..	2,730 13 5
27.	Do. do. ..	436.22	7 0 0	Mr. Shridhar C. Joshi..	4378 ,, 28-8-33 ..	3,053 8 8
28.	Junction of Arthur Road and DeLisle Road.	1519.77 16.66	12 0 0 12 0 0	Mr. Khodadad Gustad Kermani.	4379 ,, 28-8-33 ..	18,437 2 7
29.	Plot No.12 of Lady Jamshedjee Road.	706.52	7 0 0	Mr. Ramrao R. Morewale.	5224 ,, 25-9-33 ..	4,945 10 3
30.	Junc. of DeLisle and Arthur Roads.	848.57	12 0 0	Mr. K. G. Kermani ..	6772 ,, 7-11-33 ..	10,182 13 5
31.	40′ Cross Road off Gokhale Road, North.	398.00	10 0 0	Mr. Hareshwar Bhaskar Raut.	6773 ,, 7-11-33 ..	4,020 0 0
32.	50′ Cross Road off Woollen Mill Lane.	715.00	6 0 0	Mr. Jairam Jagmal ..	6774 ,, 7-11-33 ..	4,290 0 0
33.	50′ Cross Road off Bhawanishankar Road, Dadar.	1125.00	9 0 0	Mr. R. H. Pandit ..	7711 ,, 5-12-33 ..	10,125 0 0
34.	Junc. of King Edward Road and Sewri New Road.	2000.00	9 0 0	Messrs. Ebrahim Munji & Co.	8185 ,, 19-12-33 ..	18,000 0 0
35.	20′ passage off Bhawanishankar Road.	606.00	6 0 0	Mr. Ramkrishna Hareshwar Pandit.	8183 ,, 19-12-33 ..	3,636 0 0
36.	Plot No. III-A at Bhawanishankar Road.	251.00	11 0 0	Mr. Wamanrao M. Talpade.	8184 ,, 19-12-33 ..	2,761 0 0
37.	Do. do. ..	241.00	11 0 0	Mr. Shridhar Mahadeo Chitnis.	8184 ,, 19-12-33 ..	2,651 0 0
38.	Plots IV and V 40′ and 60′ Cross Roads off Gokhale Road, North.	610.00	10 0 0	Mr. A. Frask	10038 ,, 20-2-34 ..	6,100 0 0
39.	Plot IV 40′ Cross Road off 80′ Lady Jamshedjee Road	409.00	10 0 0	Mr. R. M. Gokarn ..	10040 ,, 20-2-34 ..	4,090 0 0
40.	20′ passage × 40′ Cross Road off Lady Jamshedjee Road.	406.00	10 0 0	Mr. G. A. Kulkarni ..	10041 ,, 20-2-34 ..	4,060 0 0
41.	Sir Pirozshah Mehta Road off Case M/546.	115.00	200 0 0	The Trustees of the Parsi Girls School Association.	11075 ,, 20-3-34 ..	23,000 0 0
42.	At 40′ Road off Lady Jamshedjee Road.	297.00	7 0 0	Mrs. Krishnabai N. Madan.	11073 ,, 20-3-34 ..	1,932 0 0
	Carried over ..	39,484.68				10,24,650 0 19

STATEMENT C—*contd.*

	Land where situated.	Sq. yds.	Rate per Sq. yd.	To whom sold.	Corporation Resolution No. and Date.	Total amount due.
			Rs. a. p.			Rs. a. p.
	Brought forward ..	39,484.68				10,24,650 0 10
43.	At 40′ Road off Lady Jamshedjee Road.	293.00	7 0 0	Mrs. Sitabai Ramrao Hate.	11073 of 20-3-34 ..	1,911 0 0
44.	Do. do. ..	299.00	7 0 0	Mrs. Ahilyabai Karekar.	11073 ,, 20-3-34 ..	1,939 0 0
45.	Do. do. ..	459.00	7 0 0	M/s. G. L. Pradhan & V. K. Deshmukh.	11074 ,, 20-3-34 ..	3,199 0 0
46.	60′ Cross Road off Gokhale Road, North.	429.00	7 8 0	Mr. Igapits Felix Paul D'Souza.	11071 ,, 20-3-34 ..	3,203 8 0
47.	16, 17, near Shivaji Park, Mahim.	657.60 490.92	11 0 0 12 0 0	Mr. N. V. Modak ..	9632 ,, 6-2-34 ..	7,233 9 7 5,891 0 8
48.	Plot 25 do. ..	500.00	10 0 0	Mr. R. V. Gupte ..	9632 ,, 6-2-34 ..	5,000 0 0
49.	,, 11 do. ..	530.00	10 0 0	Mr. V. N. Kale ..	9632 ,, 6-2-34 ..	5,300 0 0
50.	,, 10 do. ..	536.25	10 0 0	Mr. A. R. Manereker	9632 ,, 6-2-34 ..	5,362 8 0
51.	,, 19 do. ..	547.43	10 0 0	Mr. B. B. Patker ..	9632 ,, 6-2-34 ..	5,474 4 9
52.	,, 6 do. ..	513.99	8 0 0	Mr. S. B. Purandhare	9632 ,, 6-2-34 ..	4,112 0 0
53.	,, 5 do. ..	512.71	8 0 0	Mr. N. J. Randive ..	9632 ,, 6-2-34 ..	4,101 10 10
54.	,, 2 do. ..	467.00	10 0 0	Mr. R. N. Deshpande	9632 ,, 6-2-34 ..	4,670 0 0
55.	,, 20 do. ..	443.00	8 0 0	Mr. R. B. Sarang ..	9632 ,, 6-2-34 ..	3,544 0 0
56.	,, 19 do. ..	443.00	8 0 0	Mr. G. N. Palker ..	9632 ,, 6-2-34 ..	3,544 0 0
57.	,, 12 do. ..	458.94	10 0 0	Mr. J. T. Purandhare	9632 ,, 6-2-34 ..	4,589 6 4
58.	,, 8 do. ..	540.50	10 0 0	Mr. R. G. Khirodkar	9632 ,, 6-2-34 ..	5,405 0 0
59.	,, 18 do. ..	443.00	8 0 0	Mr. S. H. Limaye ..	9632 ,, 6-2-34 ..	3,544 0 0
60.	,, 17 do. ..	443.00	8 0 0	Mr. M. J. Bhatt ..	9632 ,, 6-2-34 ..	3,544 0 0
61.	,, 21 do. ..	545.00	8 0 0	Mr. V. N. Bidaye ..	9632 ,, 6-2-34 ..	4,360 0 0
	Total ..	49,037.02				11,10,578 1 0

APPENDIX A.

Capital Account.

(Figures in lakhs.)

	1929-30.		1930-31.		1931-32.		1932-33.		1933-34.	
	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Loan	25.0	1,619.0	20.0	1,639.0	30.0	1,669.0	18.0	1,687.0	..	1,721.9
Discount or premium	..	—12.8	..	—12.8	—1.6	—14.4	..	—14.4	—0.1	—14.5
Sale proceeds	2.3	227.0	2.7	229.7	6.3	236.0	21.7	257.7	11.9	269.6
Appropriation from General Account	—25.7	—32.7	—29.5	—62.2	—33.8	—96.0	—29.9	—125.9	—12.7	—138.6
Special contribution from Government	..	54.0	..	54.0	..	54.0	..	54.0	..	54.0
Advances from Government ..	..	..	..	..	35.0	35.0	—0.1	34.9	*..	..
Total ..	1.6	1,854.5	—6.8	1,847.7	35.9	1,883.6	9.7	1,893.3	—0.9	1,892.4
Expenditure.										
I.—On Government and Municipal property.										
Schedule "W"	..	13.1	..	13.1	..	13.1	..	13.1	..	13.1
,, "X"	..	16.2	..	16.2	..	16.2	..	16.2	..	16.2
,, "Y"	..	4.7	..	4.7	..	4.7	..	4.7	..	4.7
Police Accommodation Schemes..	..	89.8	..	89.8	1.8	91.6	..	91.6	..	91.6
Total ..	..	123.8	..	123.8	1.8	125.6	..	125.6	..	125.6
II.—On the Trust's own acquired lands.										
Cost of Management and Establishment	4.5	160.4	3.3	163.7	2.6	166.3	5.7	172.0	3.0	175.0
Acquisition of land	9.2	968.1	1.5	969.6	0.9	970.5	1.3	971.8	0.5	972.3
Chawls	—3.3	116.3	1.0	117.3	..	117.3	..	117.3	..	117.3
Roads	6.0	375.9	6.7	382.6	..	382.6	..	382.6	0.4	383.0
Other works	..	25.4	—2.8	22.6	..	22.6	..	22.6	..	22.6
Mills Companies chawls	..	7.7	..	7.7	..	7.7	..	7.7	..	7.7
Total ..	16.4	1,653.8	9.7	1,663.5	3.5	1,667.0	7.0	1,674.0	3.9	1,677.9
III.—Miscellaneous.										
Office Buildings	..	4.5	..	4.5	..	4.5	..	4.5	..	4.5
Other items	..	19.1	—5.0	14.1	—1.0	13.1	..	13.1	..	13.1
Total ..	..	23.6	—5.0	18.6	—1.0	17.6	..	17.6	..	17.6
IV.—Disposal of profits under Section 79 (3)	..	19.9	..	19.9	..	19.9	..	19.9	..	19.9
Total ..	..	19.9	..	19.9	..	19.9	..	19.9	..	19.9
Grand Total ..	16.4	1,821.1	4.7	1,825.8	4.3	1,830.1	7.0	1,837.1	3.9	1,841.0
Balance ..	—14.8	33.4	—11.5	21.9	31.6	53.5	2.7	56.2	—4.8	51.4

Note.—*Vide* Administration Report for 1908-09, P. 23 for corresponding figures for 10 years ended 31-3-08
,, ,, ,, 1915-16, P. 38 ,, ,, 8 ,, 31-3-16
,, ,, ,, 1920-21, P. 47 ,, ,, 5 ,, 31-3-21
,, ,, ,, 1925-26, P. 31 ,, ,, 5 ,, 31-3-26
,, ,, ,, 1930-31, P. 37 ,, ,, 5 ,, 31-3-31
,, ,, ,, 1931-32, P. 37 ,, ,, 1 ,, 31-3-32

* This account is merged in the Loan Account.

APPENDIX B.

Analysis of General Account.

Figures in Columns 2 to 12 shown in lakhs.

Year.	Receipts.						Expenditure.					Balance appropriated to Capital Account.	Remarks.
	Rents.	Municipal contribution.	Share of Tobacco duty.	Interest on investment.	Miscellaneous.	Total.	Maintenance.	Municipal rates and taxes.	Interest and sinking fund.	Miscellaneous.	Total.		
1	2	3	3A	4	5	6	7	8	9	10	11	12	13
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1898—99 ..	1.9	..	..	..	..	1.9	0.1	..	..	..	0.1	1.8	Rent received in 1898-99 was mainly rent under Schedule Z.
1899—1900 ..	0.7	..	..	0.8	..	1.5	0.2	0.2	..	..	0.4	1.1	
1900—01 ..	0.9	4.8	..	1.6	..	7.3	0.3	0.2	2.2	..	2.7	4.6	
1901—02 ..	1.2	4.8	..	1.5	..	7.5	0.4	0.2	2.5	..	3.1	4.4	
1002—03 ..	1.4	5.0	..	3.5	..	9.9	0.4	0.2	4.1	..	4.7	5.2	
1903—04 ..	2.6	3.5	..	2.3	..	8.4	0.4	0.4	5.7	0.1	6.6	1.8	
1904—05 ..	5.8	2.0	..	2.7	..	10.5	0.7	0.9	8.1	0.1	9.8	0.7	
1905—06 ..	9.7	2.5	..	1.9	..	14.1	1.4	1.3	10.1	0.1	12.9	1.2	
1906—07 ..	8.5	3.0	..	2.1	0.1	13.7	1.9	1.1	11.2	0.1	14.3	—0.6	
1907—08 ..	8.1	3.6	..	2.4	0.1	14.2	2.2	1.0	12.1	0.1	15.4	—1.2	
1908—09 ..	9.4	4.5	..	1.2	0.1	15.2	2.5	0.8	13.0	0.1	16.4	—1.2	
1909—10 ..	11.4	7.8	..	1.5	0.2	20.9	*3.3	1.0	16.0	0.1	20.4	0.5	*Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :—
1910—11 ..	14.4	8.9	..	1.5	0.1	24.9	*3.1	1.0	19.1	0.1	23.3	1.6	
1911—12 ..	16.6	8.6	..	2.2	0.1	27.5	*3.0	1.3	20.2	0.1	24.6	2.9	
1912—13 ..	18.0	9.2	..	2.0	..	29.2	*2.7	1.0	20.5	0.1	24.3	4.9	
1913—14 ..	20.9	9.3	..	2.5	..	32.7	*2.4	1.2	21.4	0.3	25.3	7.4	
1914—15 ..	23.0	9.8	..	1.5	0.1	34.4	2.7	1.5	22.4	0.3	26.9	7.5	
1915—16 ..	24.8	10.2	..	1.5	..	36.5	2.9	1.6	23.8	0.3	28.6	7.9	
1916—17 ..	27.2	11.0	..	2.5	0.1	40.8	3.1	1.7	25.8	0.2	30.8	10.0	
1917—18 ..	29.8	11.0	..	2.9	0.1	43.8	3.6	1.7	25.6	0.2	31.1	12.7	
1918—19 ..	33.2	11.5	..	2.0	0.1	46.8	3.6	2.0	25.2	0.2	31.0	15.8	
1919—20 ..	35.7	15.2	..	1.7	0.2	52.8	3.7	2.2	24.1	0.6	30.6	22.2	
1920—21 ..	37.5	15.7	..	5.4	0.5	59.1	4.0	2.4	29.4	1.0	36.8	22.3	
1921—22 ..	43.4	15.8	..	5.4	0.4	65.0	6.4	2.9	52.6	0.6	62.5	2.5	
1922—23 ..	45.0	17.9	..	4.9	0.1	67.9	7.9	3.5	64.1	—0.5	75.0	—7.1	
1923—24 ..	44.2	19.1	..	7.6	0.2	71.1	9.6	3.2	74.2	0.6	87.6	—16.5	
1924—25 ..	50.5	20.2	..	6.4	0.4	77.5	9.0	4.4	80.6	0.6	94.6	—17.1	
1925—26 ..	48.7	22.3	..	6.8	0.2	78.0	8.6	3.4	93.7	0.2	105.9	—27.9	
1926—27 ..	49.5	22.4	..	7.2	3.2	82.3	9.6	3.6	90.5	—0.3	103.4	—21.1	
1927—28 ..	48.5	23.1	..	6.3	2.3	80.2	11.3	3.8	90.2	..	105.3	—25.1	
1928—29 ..	47.6	23.0	..	3.8	1.0	75.4	10.6	2.7	90.4	..	103.7	—28.3	
1929—30 ..	51.0	22.9	..	2.7	0.1	76.7	10.2	2.9	89.3	..	102.4	—25.7	
1930—31 ..	50.2	23.1	..	2.7	0.2	76.2	10.2	3.4	92.1	..	105.7	—29.5	
1931—32 ..	49.3	23.5	..	1.4	0.1	74.3	10.5	3.3	94.3	..	108.1	—33.8	
1932—33 ..	49.3	23.5	7.4	1.1	0.1	81.4	11.8	3.0	96.5	..	111.3	—29.9	
1933—34 ..	49.2	32.9	11.4	3.9	..	97.4	7.5	4.4	98.2	..	110.1	—12.7	
Total to end of 1933-34 ..	969.1	451.6	18.8	107.4	10.1	1557.0	171.8	69.4	1449.2	5.3	1695.7	138.7	

Year.	Government. Rs.	Municipality. Rs.	Total. Rs.
1909–10 ..	65,350	41,241	1,06,591
1910–11 ..	46,440	37,841	84,281
1911–12 ..	61,858	37,276	99,134
1912–13 ..	68,194	37,431	1,05,625
1913–14 ..	54,644	27,668	82,312
Total ..	2,96,486	1,81,457	4,77,943

APPENDIX

Particulars of Trust Chawls Capital

Serial No.	Names of Chawls.		Year in which site of chawls appropriated for construction of chawls.	Open Spaces in the chawls site.	Area actually occupied by the buildings.	Total area of the site of chawls (cols. 4 and 5).	Rate per sq. yard as in the year given in col. 3.	Value of site col. (6) as in the year given in col. 3.	Constructional cost of the chawls including 7½% for M. & E.	Cost of Work, value of land, Management and Establishment charges (cols. 8 & 9).	Interest and sinking Fund charges on capital outlay at 4.61 p.c. on col. 10 up to 1919 and thereafter at 6.95%.
1	2		3	4	5	6	7	8	9	10	11
				Sq. Yds.	Sq. Yds.	Sq. Yds.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1—4	Agripada A Chawls	1900	(a) 4,079	3,206	7,285	7	50,995	1,85,505	2,36,500	10,903
2	5—16	Agripada B ,, ...	1903	5,924	6,001	11,925	6	71,550	5,41,639	6,13,189	28,268
3	31—32, 38—40, 45—46	Agripada C ,, ...	1903	2,825	3,426	6,251	6	37,506	2,79,182	3,16,688	14,599
4	19—24	Chandanwadi ,, ...	1904	5,365	4,299	9,664	15	1,44,960	3,76,915	5,21,875	24,058
5	25 27, 29—30 and 41	Imamwada A ,, ...	1905	7,857	5,585	13,442	13·8	1,81,467	4,98,562	6,80,029	31,349
6	50	Imamwada B ,, ...	1905	588	361	949	13.8	12,811	19,368	32,179	1,483
7	33—37	Mandvi-Koliwada Chawl	1908	893	3,276	4,169	75	3,12,675	2,76,040	5,88,715	27,140
8	51	Workmen's Cottages—Matunga ..	1915	574	370	944	5	4,720	12,083	16,803	774
9	17—18	Nagpada A Chawls	1903	1,510	1,059	2,569	7	17,983	82,358	1,00,341	4,626
10	39	Nagpada B ,, ...	1904	1,122	977	2,099	7	14,693	99,776	1,14,469	5,277
11	28	Princess Street Chawls	1907	1,047	433	1,480	30	44,400	42,412	86,812	4,002
12	42—44, 47—49	Suparibaug Chawls	1910	5,157	2,924	8,081	4.8	36,364	3,39,878	3,76,242	17,345
13	52—57	Chinch Bunder Chawls	1913	4,613	3,883	8,496	(e) 26.66	(d) 2,26,560	3,79,047	6,05,607	27,918
14	—	Cottage Blocks (old)	1920	2,290	490	2,780	10	27,800	36,069	63,869	4,056
15	58—61	Mahar Chawls	1921	1,754	2,427	4,181	15	62,715	4,39,814	5,02,529	31,911
16	62	Peons ,, ...	1921	2,375	1,044	3,419	15	51,285	1,70,863	2,22,148	14,106
17	63—66	Kalapani ,, ...	1921	5,068	2,692	7,760	15	1,16,400	4,31,655	5,48,055	34,801
18	67—72	Three Room Tenements (Scheme 5) ..	1922	4,496	1,113	5,609	6	33,654	2,63,378	2,97,032	18,861
19	73—78	Two Room Tenements (Scheme 6) ..	1922	2,937	1,297	4,234	6	25,404	2,86,310	3,11,714	19,795
20	79—85	Cottage Blocks (New)	1922	6,588	1,220	7,808	6	46,848	69,312	1,16,160	7,376
21	Blks. 1—19	Bellasis Road Chawls	1922	23,460	12,244	35,704	19	6,78,376	25,73,546	32,51,922	2,06,497
22	,, 1—16	Mazagaon Chawls	1922	19,327	9,754	29,081	10	2,90,810	21,77,079	24,67,889	1,56,711
23	1	New Kalapani Chawls	1923	1,839	2,072	3,911	20	78,220	3,14,276	3,92,496	24,923
24	1 to 3	Love Lane Chawls	1925	6,972	6,395	13,367	18.8	2,47,289	11,33,753	13,81,042	87,696
25	1 to 10	Sydenham Road Chawls	1925	9,184	3,611	12,795	16	2,04,720	7,78,071	9,82,791	62,407
		Total ..		1,27,844	80,159	2,08,003	..	30,20,205	1,18,06,891	1,48,27,096	8,66,882

Cost and Net Annual Return.

Full letting value per annum.	Annual Profit + or Loss — *i.e.*, 52·0% of col. 12—Col. 11.	Percentage of annual return 52·0% of col. 12 of capital cost (col 10).	Number of rooms.	Number of floors including ground floor.	Land per room (col.6÷Col. 15).	Rent per room (31-3-1934).	Floor area of tenement including Verandah.	Capital cost of works per room (col. 9÷col. 15).	Capital cost of land and works per room (Col. 10÷Col. 15)	Nett Profit + or Loss — per room (Col. 13÷Col.15).	REMARKS.
12	13	14	15	16	17	18	19	20	21	22	23
Rs.	Rs.				Sq. Yds.	Rs.	Sq. ft	Rs.	Rs	Rs.	
22,202	+ 642	4.88	311	3	23.42	5 10 .. / *7 13 ..	175	760	596	+ 2.06	* Rs. 7-13-0 for 8 rooms being two room tenements.
58,072	+ 1,929	4.92	(b) 288 / 640	4	12.85	5 4 .. / 4 15 ..	110 / 142	661	584	+ 2.08	The rates per sq. yd. in Col. 7 are those which the site of Chawls, given in Col. 6, could have fetched subject to the Board's usual regulations in the open market in the year given in column 3.
31,174	+ 1,612	5.12	432	4	14.47	5 10 .. / 7 0	177	733	646	+ 3.73	
61,279	+ 7,807	6.10	674	4	14.33	7 7 ..	125	774	559	+ 11.58	
65,277	+ 2,595	4.99	883	4	15.22	6 3 ..	135	770	565	+ 2.94	(a) This area is exclusive of the site of the weaving shed and a strip of land 6 ft. in width surrounding the shed.
2,317	— 278	3.74	30	2	31.63	6 7 ..	160	1,073	645	— 9.27	
56,226	+ 2,098	4.96	222	4	18.77	8 1 ..	176	2,652	1,243	+ 9.45	(b) The rooms in Agripada B are of two kinds; 4 blocks of rooms larger, measuring 142 sq. ft. and 8 blocks smaller, measuring 110 sq. ft. floor area.
821	— 347	2.55	15	1	62.93	4 9 ..	120	1,120	805	— 23.13	
11,124	+ 1,158	5.76	144	4	17.84	6 7 ..	148	697	572	+ 8.04	
11,124	+ 507	5.05	144	4	14.57	6 7 ..	160	795	693	+ 3.52	(c) In addition to 9,755 rooms and 214 looms shown as total in Col. 15, there are in Mandvi-Koliwada 26 godowns let at rents ranging from Rs. 14-14-0 to 120-0-0 per godown and 30 shops let at rates ranging from Rs. 26 to 54 per shop per month and in Chinch Bunder 33 godowns let at Rs. 60 per mensem occupying the whole of the ground floor.
5,952	— 907	3.56	64	4	23.12	7 12 ..	131	1,356	662	— 14.17	
33,449	+ 48	4.62	480	4	16.83	(k) 5 13 ..	176	784	708	+ 10	
51,645	— 1,063	4.43	372	2	22.83	6 4 ..	176	1,628	1,019	— 2.85	
3,612	— 2,178	2.94	14	1	198.57	(g) 20 0 ..	175	4,562	2,576	—155.57	
28,558	— 17,061	2.95	320	4	13.06	7 3 ..	176	1,570	1,374	— 53.31	
11,676	— 8,034	2.73	120	4	28.49	8 0 ..	176	1,851	1,424	— 66.95	
24,306	— 22,162	2.30	(f) 246 / 160	4	19.11	7 0 ..	176	1,350	1,063	— 54.58	(d) This figure represents the value at Rs. 40 per sq. yd. of the site situated between the 25 ft. road and the railway and admeasuring 5,664 sq. yds.
20,088	— 8,415	3.51	36	3	155.55	(g) 50 0 .. / 45 0 .. / 40 0 ..	562	8,251	7,316	—233.75	
23,760	— 7,440	3.96	72	3	58.8	(g) 28 0 .. / 26 0 .. / 25 0 .. / 23 0 ..	338	4,329	3,976	—103.33	(e) This figure is arrived at by dividing (d) by 8,496 sq. yds.
3,300	— 5,660	1.48	10	1	780.0	(g) 26 0 ..	325	11,616	6,931	— 566	(f) Represents number of looms.
1,53,480	— 1,26,687	2.45	1,510	4	23.64	10 0 .. / 9 8 .. / 8 0 ..	176	2,154	1,704	— 83.89	(g) Excluding Rs. 1-8-0 for electric installation charges.
1,19,148	— 94,754	2.51	1,300	4	22.37	8 8 .. / 7 8 ..	176	1,898	1,675	— 72.89	(k) Including Rs. 0-7-0 for electric installation charges.
22,612	— 13,165	2.99	(f) 228 / 54	4	13.86	7 4 ..	176	1,391	1,114	— 46.68	The figures in Cols. 20 and 21 given against Mandvi-Koliwada and Chinch Bunder Chawls are vitiated by the fact that the Capital cost of the chawls includes the cost of godowns and shops on the ground floor. Omitting those chawls and the Matunga cottages [new & old] also two-room and three-room tenements in Schemes 6 and 5, the average cost per room is Rs. 1,390 [Land Rs. 253 and construction Rs. 1,137].
93,582	— 39,033	3.52	816	4	16.38	12/0, 11/0, 10/8, 10/0, 9/8, 9/0.	176	1,692	1,389	— 47.83	
61,212	— 30,577	3.23	384	4	33.32	10 0 .. / 9 8 .. / 9 0 .. / 8 8 .. / 22 0 .. / 21 0 .. / 20 0 ..	176	2,559	2,026	— 79.63	
9,75,996	— 3,59,365	3.42	(c) 9,755 / (f) 214	..	20.86	.. .. ..	..	1,487	1,184	— 36.05	

APPENDIX

Number of tenements, Full letting value and

Serial No.	Chawls.		Let for purposes of living.	Number of Tenements.							Monthly		
				Temporarily occupied for Board's purpose.		Temporarily occupied by Schools.	Chawl Superintendent's quarters including Office and Store.	Total of Columns 3 to 7.	Shops.	Godowns.	Let for living purposes.	Temporarily occupied for Board's purposes.	Temporarily occupied for School purposes.
				Occupied by Mucadams	Used for office Store.								
1	2		3	4	5	6	7	8	9	10	11	12	13
											Rs. a.	Rs. a.	Rs. a.
1	1—4	Agripada A Chawls	277	1	..	..	6	284	27	..	1,575 10	3 8	..
2	5—16, 31—32 & 33—40	,, B ,, ...	910	..	..	..	..	910	18	..	4,581 9	..	..
3	45—46	,, C ,, ...	413	..	..	..	..	413	19	..	2,336 14	..	..
4	19—24	Chandanwadi Chawls	663	1	..	..	2	666	8	..	4,931 1	5 0	..
5	25—27, 29—30 & 41	Imamwada A Chawls.	876	..	..	..	7	883	..	..	5,420 4	..	..
6	50	,, B. ,, ...	30	..	..	..	..	30	..	..	193 2	..	..
7	33—37	Mandvi Koliwada Chawls	(I) 222	..	..	..	..	222	30	26	1,789 14	..	..
8	51	Matunga Cheap Workmen's Cottages	15	..	..	..	..	15	..	..	68 7	..	..
9	17—18	Nagpada A Chawls	144	..	..	..	..	144	..	..	927 0	..	..
10	39	,, B ,, ...	144	..	..	..	..	144	..	..	927 0	..	..
11	28	Princess Street Chawls	64	..	..	..	..	64	..	..	496 0	..	..
12	42—44, 47—49	Suparibaugh Chawls	477	1	2	..	..	480	..	..	(E) 2,772 9	14 14	..
13	52—57	Chinch Bunder Chawls	371	1	..	..	..	372	..	33	2,318 12	5 0	..
14	58—61	Mahar Chawls	(G) 319	1	..	..	..	320	4	..	2,292 13	7 0	..
15	62	Peons ,, ...	(H) 117	..	..	....	..	117	3	..	936 0	..	..
16	63—66	Kalapani Chawls	240	..	..	..	6	246	..	Looms. 160	1,680 0	..	..
17	67—72	Three-Room Tenements	36	..	..	..	..	36	..	..	1,674 0	..	..
18	73—78	Two Room Tenements	72	..	..	..	..	72	..	..	1,980 0	..	..
19	79—85	Ground floor cottages (New) ..	10	..	..	..	..	10	..	..	(F) 275 0	..	..
20	86—95	,, ,, ,, (Old) ..	14	..	..	..	..	14	..	..	301 0	..	..
21	BK 1—19	Bellasis Road Chawls	1,502	1	..	..	6	1,509	7	..	12,566 0	7 0	..
22	1—16	Mazagaon Chawls	1,289	..	..	5	6	1,300	..	Looms. 54	9,871 8		35 8
23	1	New Kalapani Chawls	228	..	..	..	..	228	6		1,653 0	..	..
24	1—3	Love Lane Chawls	(J) 789	..	..	..	6	795	21	..	7,223 8	..	..
25	1—10	Sydenham Road Chawls	380	1	1	..	1	383	1	..	5,045 8	17 0	..
		Total ..	9,602	7	3	5	40	9,657	144	59 Looms. 214	73,836 7	59 6	35 8

Note A.—Municipal servants who are paid house rent allowance are given in lieu of the house rent allowance free accommodation in (1) New Kalapani Chawls (2) Sydenham Road Chawls (3) Bellasis Road Chawls (4) Mazgaon Chawls (5) Love Lane Chawls and (6) Imamwada Chawls. Rent charged for the purpose of adjustment is Rs. 6 p.m. per room.

Note B.—(i)—Figures in Col. 12 while including Chawl Superintendent's quarters does not include Shops, Godowns and Looms in respect of Mandvi-Koliwada Chawls, Chinch Bunder Chawls, Kalapani Chawls, Bellasis Road Chawls and New Kalapani Chawls.
(ii)—Total number of rooms including all shops, looms, and godowns Cols. (8+9+10)=10,074.
(iii)—Figures in Col. 24 are obtained by distributing the actual population (Col. 22) over the area made up of chawl site plus half the area of adjacent streets and in case of Mandvi-Koliwada Chawls 20' strip along the adjacent Railway.

D.

Permissible Actual Population 1933-34.

Rent.				Total amount of annual rental 12 times of columns 15 to 17	Maximum permissible population in adults.			Actuals in January 1934.		Population per acre in largest group.	Remarks.
Chawl Superintendent's quarters including Office and Store.	Total of Columns. 11 to 14	Shops.	Godowns.		Total tenements.	Population per tenement.	Total Population.	Persons.	Equivalent adults.		
14	15	16	17	18	19	20	21	22	23	24	25
Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.							
(a) 20 0	1,599 2	251 0	..	22,201 8	311	5	1,555	1,020	893		(a) Rs. 15 for Chawl Superintendent's Quarters and Rs. 5 for Office use.
(b) 15 0	1,599 2	251 0	..	22,201 8	311	5	1,555	1,020	893		(b) Rs. 15 for Chawl Superintendent's Quarters and Rs. 2-8 for Office use.
(c) 19 8	5,439 12	..	..	65,277 0	883	4	3,532	2,482	2,226		(c) Rs. 15 for Chawl Superintendent's Quarters and Rs. 4-8 for Office use.
..	193 2	..	..	2,317 8	30	5	150	105	93		(d) Rs. 15 for Chawl Superintendent Quarters and Rs. 7 for Office use.
..	1,789 14	1,074 0	1,821 10	56,226 0	222	5	1,110	931	867		(e) Rs. 8-8 for Chawl Superintendent's Quarters and Rs. 7 for Office use.
..	68 7	..	..	821 4	15	5	75	..	..		(f) Rs. 13-8 for Chawl Superintendent's Quarters.
..	927 0	..	..	1,124 0	144	5½	792	634	590		*Scale of monthly rents of Living rooms.*
..	927 0	..	..	11,124 0	144	5½	792	601	566		I Agripada 4 Blocks 269 at Rs. 5-10-0 & 8 at Rs. 7-13-0 (double rooms). Agripada 12 Blocks 283 at Rs. 5-4-0 and 627 at Rs. 4-15. Agripada 6 Blocks 403 at Rs 5-10-0 and 10 at Rs. 7.
..	496 0	..	..	5,952 0	64	4	256	254	204		II Chandanwadi Chawls 663 at Rs. 7-7. Princess Street Chawls 64 at Rs. 7-12.
..	2,787 7	..	..	33,449 4	480	5	2,400	1,488	1,278		III Imamwada Chawls 876 at Rs. 6-3 and 30 at Rs. 6-7. Nagpada Chawls 288 at Rs. 6-7.
..	2,323 12	..	1,980 0	51,645 0	372	5	1,860	1,597	1,422	804	IV Mandvi Kolliwada Chawls 222 at Rs. 8-1.
..	2,299 13	80 0	..	28,557 12	320	5	1,600	1,314	1,220	..	V Matunga Workmen's Cottages 15 at Rs. 4-9. Three Room Tenements 12 at Rs. 40, 12 at Rs. 45, and 12 at Rs. 50. Two Room Tenements 24 at Rs. 28, 24 at Rs. 26, 12 at Rs. 25 and 12 at Rs. 23. Old Cottages 14 at Rs. 20 New Cottages 10 at Rs. 26.
..	936 0	37 0	..	11,676 0	120	5	600	375	348	..	VI Supparibaugh Chawls 477 at Rs. 5-6.
			Looms.								VII Chinch Bunder Chawls 371 at Rs. 6-4.
(e) 15 8	1,695 8	..	330 0	24,306 0	246	5	1,230	688	628	899	VIII Mahar Chawls 319 at Rs. 7-3. Peons Chawls 117 at Rs 8. Old Kalapani Chawls 240 at Rs. 7. New Kalapani Chawls 228 at Rs. 7-4.
..	1,674 0	..	..	20,088 0	36	..	..	..	..	..	IX Bellasis Road Chawls 191 at Rs. 10, 112 at Rs. 9-8 and 1,199 at Rs. 8.
..	1,980 0	..	..	23,760 0	72	..	..	..	..	..	X Mazagaon Chawls 253 at Rs. 8-8, 1,022 at Rs. 7-8 and 14 Sweepers' Sheds at Rs. 4 each.
..	275 0	..	..	3,300 0	10	..	..	..	..	..	XI Sydenham Road Chawls 15 at Rs. 10, 16 at Rs. 9-8, 119 at Rs. 9, 95 at Rs. 8-8, 48 at Rs. 22, 70 at Rs. 21 and 18 at Rs. 20.
..	301 0	..	..	3,612 0	14	..	..	..	..	..	XII Love Lane Chawls 8 at Rs. 12, 20 at Rs. 11, 13 at Rs 10-8, 46 at Rs. 10, 36 at Rs. 9-8, 646 at Rs. 9 and 10 at Rs. 4-8.
(d) 22 0	12,595 0	195 0	..	1,53,480 0	1,510	5	7,550	2,978	2,726	..	(E,F) Includes Electric installation charges at Ans. 7 p.m. and Rs. 1-8 p.m. respectively.
(d) 22 0	9,929 0	..	..	1,19,148 0	1,300	5	6,500	4,881	4,449	..	(G) 2 rooms let for a Public Library and night School for depressed classes at half the standard rent for a period of one year.
			Looms.								(H) Includes 10 rooms let to Welfare Society at Re. 1 from 1st March 1933.
..	1,653 0	120 0	111 6	22,612 8	228	5	1,140	511	467	522	(I) Includes 4 rooms for Re. 1 for Maternity Home.
(d) 22 0	7,245 8	553 0	..	93,582 0	816	5	4,080	2,039	1,833	..	(J) Includes 1 room let for a library at Rs. 4-8 per month.
(f) 13 8	5,076 0	25 0	..	61,212 0	384	5	1,920	732	646		
152 0	74,083 5	3,606 12	3,801 10 Looms. 441 6	9,75,996 12	9,755	..	44,877	29,091	26,322	..	

Note C.—Bellasis Road Chawls.

1. Blocks Nos. 2 and 4 are occupied by the Bombay Municipality at Rs. 1,200 p.m. against the full letting value of Rs. 1,336 p.m.
2. Block No. 7 is occupied by the B. B. & C. I. Rly. Police at Rs. 600 p.m. against Rs. 668 p.m. (full letting value.)
3. Blocks Nos. 15 & 16 are occupied by the Commissioner of Police, Bombay, at Rs. 1,200 p.m. against Rs. 1,336 full letting value.
4. Block No. 18 is occupied by the Bombay Municipality at Rs. 400 p.m. against Rs. 664 p.m. full letting value.
5. Block No. 13-1 room let for Rs. 2 p.m. to Mohamedans for prayers. Block No. 11, 1 room let for Rs. 2 p.m. to Mahars for a library and Social work.
6. Block No. 3, two rooms let to Women's Foreign Missionary Society for imparting free education to the children belonging to the lower classes at rent reduced by 15 per cent.

Note D.—Mazagaon Chawls.

1. Block No. 14 is in occupation of Head Supervisor (Conservancy) Bombay Municipality at Rs. 400 p.m. against Rs. 616 p.m. full letting value.
2. Block No. 12 do. Health Department, Bombay Municipality, at Rs. 555 p.m. against Rs. 616 p.m. full letting value.
3. Block No. 5, one room is let for a dispensary at Re. 1 p.m.
4. Block No. 5 (1 room) Block No. 6 (4 rooms) let for School to the Women's Foreign Missionary Society of the Methodist Episcopal Church, at rent reduced by 15 per cent.
5. Block No. 8 (60 rooms) Block No. 16 (80 rooms) let to the servants of untouchables society Bombay Provincial Board at a concessional rent of Rs. 300 and Rs. 400 p.m. respectively.

APPENDIX E.

Statement showing dishousing and rehousing operation on Estates since the commencement of the late Trust.

YEAR.	Number of tenements demolished up to the end of the year.				NUMBER OF TENEMENTS PROVIDED UP TO THE END OF THE YEAR.																	Net addition + or reduction — No. of tenements in City through operation of the late Trust.		REMARKS.
					In Board's Chawls.			In Police Accommodation, Poorer Classes Accommodation Schemes and the B.D.D. Chawls.					In Board's Lessees' Buildings.					Total.							
	One Room.	Two Rooms.	Larger.	Total.	Permanent.	S. P. Sheds.	Total.	One Room.	Two Rooms	Larger.	Servt's quarters	Total.	One Room.	Two Rooms.	Larger.	Servt's quarter.	Total.	One Room.	Two Rooms.	Larger.	Servt's quarter.	Grand Total.	In year.	To end of year.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1898-99 to 1932-33.	25,176	5,159	3,492	33,827	9,716	1,800	11,516	18,197	51	145	162	18,555	9,804	2,843	5,252	2,060	K. 19,959	39,517	2,894	5,397	2,222	50,030	+ 16,203	+ 16,203	K. *Includes* :— Tenements for Plots No. 101, 102, 103, 105, Sch. 3 and Plots Nos. 4, 5, 6, 11, 11A. 12, Sch. 29, which are now owned by the Trust. The total Number of tenements being 482 in all.
1933-34	*242	51	17	310	..	..	..	..	..	..	..	..	613	178	488	16	1,295	613	178	488	16	1,295	+ 985	985	* Including 10 Rooms in S. P. Sheds.
Total ..	25,418	5,210	3,509	34,137	9,716	1,800	11,516	18,197	51	145	162	18,555	10,417	3,021	5,740	2,076	21,254	40,130	3,072	5,885	2,238	51,325	17,188	17,188	
1898 to 1905 ..	4,110	479	291	4,880	597	..	597	..	..	..	..	..	187	36	154	340	717	784	36	154	340	1,314	— 3,566	— 3,566	
1905 to 1909 ..	7,191	1,680	862	9,733	2,247	248	2,495	778	4	11	26	819	505	173	401	415	1,494	3,778	177	412	441	4,808	— 4,925	— 8,491	
1909 to 1934 ..	14,117	3,051	2,356	19,524	6,872	1,552	8,424	17,419	47	134	136	17,736	9,725	2,812	5,185	1,321	19,043	35,568	2,859	5,319	1,457	45,203	+ 25,679	17,188	
Grand Total .. To end of March 1934.	25,418	5,210	3,509	34,137	9,716	1,800	11,516	18,197	51	145	162	18,555	10,417	3,021	5,740	2,076	21,254	40,130	3,072	5,885	2,238	51,325	17,188	17,188	

APPENDIX F.

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns* **4** *and* **12** *is inclusive of premia and fine.*)

(000 omitted.)

ESTATE.	Disposed of to end of 1932-33.				Disposed of in 1933-34.				Disposed of to end of 1933-34.				Balance available for leasing.				REMARKS.
	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SCHEDULE W.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.	
Flats	7	55·1	10,32	5·8	2	7·5	19	(*a*) ..	(*b*) 8	32·6	(*c*) 6,01	5·8	..	..	..	..	(*a*) Rs. 18,640 premia paid during the year. (*b*) Body Guard Lines plot now vest absolutely in His Majesty. (*Vide* Sec: 91A (3) of Municipal Act.) (*c*) Includes Rs. 4,50,000 for premia and Rs. 4,180 for fine.
Kennedy Sea Face.	1	4·4	0·2	0·01	..	..	..	..	1	4·4	0.2	0·01	..	..	..	..	
Hornby Road ..	38	56·1	21,17	91·0	..	..	..	..	38	56·1	(*d*) 21,17	91·0	..	..	..	..	(*d*) Includes Rs. 42,049 for premia.
Marine Lines (including Admiral's Bungalow.)	21	41·1	7,95	35·5	..	..	..	..	21	41·1	(*e*) 7,95	35·5	..	..	..	..	(*e*) Includes Rs. 5,741 for premia.
Wellington Lines ..	16	32·0	7,74	30·7	..	..	..	..	16	32·0	(*f*) 7,74	30·7	..	..	..	..	(*f*) Includes Rs. 6,020 for premia.
Wodehouse Road ..	20	40·5	8,02	34·6	..	..	..	..	20	40·5	(*g*) 8,02	34·6	..	..	..	..	(*g*) Includes Rs. 7,700 for premia.
Chaupati East ..	7	3·2	1,20	(*h*) 5·9	1	1·1	37	2·0	8	4·3	1,57	7·9	..	..	..	..	(*h*) Rs. 3,259 premia received last year.

Chaupati West (including Old Distillary Plot.)	45	97·6	17,31	(*i*) 81·9	..	..	..	..	45	97,6	(*j*) 17,31	81,9	1	0.4	13	0.7
Total ..	155	330.0	73,71	2,85.4	3	8.6	56	2.0	157	308.6	69,77	2,87·4	1	0.4	13	0.7
SCHEDULE X.																
Agripada	155	233.3	24,11	1,06.8	1	1.1	18	..	(*k*) 156	234.4	(*l*) 24,29	1,06·8	5	6.9	1,25	6.9
Connaught Road ..	17	12.2	96	4.2	..	..	..	..	17	12.2	(*m*) 96	4.2	..	..	..	..
Lands at Matunga..	1	1.6	..	..	..	..	..	..	1	1.6	..	..	..	..	..	..
Total ..	173	247.1	25,07	1,11·0	1	1.1	18	..	174	248.2	25,25	1,11·0	5	6.9	1,25	6.9
SCHEDULE Y.																
Colaba Reclamation.	36	53.8	23,82	1,06·7	..	..	..	..	36	53.8	(*n*) 23,86	1,06·7	..	..	..	..
Napean Sea Road Reclamation ..	1	2.0	14	0.6	..	..	..	..	1	2.0	14	0.6	..	..	..	..
Total ..	37	55.8	23,96	1,07·3	..	..	..	..	37	55.8	24,00	1,07·3	..	..	..	..
SCHEDULE Z. ..	1	3.2	5	0.2	..	..	..	..	1	3.2	5	0.2	..	..	..	..
TRUST OWN PROPERTY.																
First Nagpada ..	65	47.3	8,27	35.4	..	..	..	..	65	47.3	(*o*) 8,27	(*p*) 35.4	..	..	..	..
Carried over ..	366	636.1	1,22,79	5,03.9	4	9.7	74	2.0	369	615.8	1,19,07	5,05·9	6	7.3	1,38	7·6

(*i*) Rs. 1,064 premia received last year.
(*j*) Includes Rs. 31,718 for premia and Rs. 5,000 for fine.

(*k*) Two plots (Schedule plots Nos. 4 and 5) acquired by Govt.
(*l*) Includes Rs. 24,292 for premia and Rs. 10,834 for fine.

(*m*) Includes Rs. 3,594 for premia.

(*n*) Includes Rs. 8,293 for premia and Rs. 3,270 for fine.

(*o*) Includes Rs. 100 for fine and Rs. 40,412 for premia.
(*p*) Rs. 21,293-5-6 Commutation amount received last year.

APPENDIX F.—*contd.*

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns* 4 and 12 *is inclusive of premia and fine.*)

(000 omitted.)

ESTATE.	Disposed of to end of 1932-33.				Disposed of in 1933-34.				Disposed of to end of 1933-34.				Balance available for leasing.				REMARKS.
	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.	
Brought over ..	366	636·1	1,22,79	5,03·9	4	9·7	74	2·0	369	615·8	1,19,07	5,05·9	6	7·3	1,38	7·6	
„ „	65	47·3	8,27	35·4	..	..	..	..	65	47·3	8,27	35·4	..	..	..	..	(*q*) Rs. 1,500 premia paid during the year.
Princess Street ..	116	72·7	94,76	3,94·4	1	0·1	2	(*q*) ..	117	72·8	(*r*) 94,78	(*s*) 3,94·4	..	..	..	..	(*r*) Includes Rs. 1,78,432 for premia and Rs. 4,000 for fine. (*s*) Rs. 4,23,306 Commutation Amount received last year.
Sandhurst Road ..	185	137·6	95,13	3,92·0	3	2·1	136	(*t*) 5·1	188	139·7	(*u*) 96,52	(*t*) 3,89·4	9	5·8	4,86	27·0	(*t*) Rs. 6,48,128 Commutation Amount and Rs. 62,444-8-0 premia received during the last two years. (*u*) Includes Rs. 2,58,633 for premia and Rs. 24,505 for fine.
Gamdevi	119	101·7	23,05	84·9	..	..	..	..	119	101·7	(*v*) 23,12	(*w*) 84·0	..	..	..	..	(*v*) Includes Rs. 2,87,614 for premia and Rs. 3,500 for fine. (*w*) Rs. 1,33,819 Commutation Amount received during last two years.

Dadar-Matunga ..	490	554·4	60,54	2,28·7	108	95·5	10,55	(x) 49·8	(y) 595	646·4	(z) 70,83	(x) 2,74·1	309	364·0	36,00	2,00·0
Sion-Matunga ...	5	7·4	1,29	0·5	..	..	..	..	5	7·4	(*) 1,29	0·5	99	86·5	6,75	37·5
Mandvi-Kolivada. ..	33	19·3	20,05	85·5	..	..	..	..	33	19·3	(†) 20,05	(‡) 85·5	..	..	..	..
Souter Street Extension Eastward.	4	3·1	42	1·7	..	..	..	..	4	3·1	(§) 42	1·7	..	..	..	..
Mathew Road ..	21	34·5	12,99	47·8	..	..	..	..	21	34·5	(¶) 12,99	47·8	..	..	..	..
Nowroji Hill ..	43	30·4	30,37	1,35·0	9	4·0	1,07	(A) 0·9	(B) 51	33·9	(C) 28,72	(A) 1,15·7	83	55·2	35,42	1,96·8
Carried over ..	1,081	1,008·4	3,46,87	14,05·9	121	101·7	13,00	55·8	1,198	1,106·1	3,56,99	14,28·5	500	511·5	83,03	4,61·3
Carried over ..	366	636·1	1,22,79	5,03·9	4	9·7	74	2·0	369	615·8	1,19,07	5,05·9	6	7·3	1,38	7·6

(x) Rs. 2,72,145-6-0 premia and Rs. 2,22,915-1-0 Commutation amount received during the last two years.
(y) 3 plots resumed during the year.
(z) Includes Rs. 7,58,258 14-0 for premia and Rs. 4,683 for fine.

(*) Includes Rs. 67,071 for premia.

(†) Includes Rs. 64,055 for premia.
(‡) Rs. 30,456 Commutation amount received in the last year.

(§) Include Rs. 2,800 for premia.

(¶) Includes Rs. 2,61,973 for premia.

(A) Rs. 81,181-14-0 premia and Rs. 2,10,090 Commutation amount received during the last two years.
(B) One plot resumed during the year.
(C) Includes Rs. 1,95,757 for premia.

APPENDIX F.—*contd.*

Area, Capital Value and Rental are shown in thousands.

(*The Capital Value in columns* 4 & 12 *is inclusive of premia and fine.*)

(000 omitted.)

ESTATE.	Disposed of to end of 1932-33.				Disposed of in 1933-34.				Disposed of to end of 1933-34.				Balance available for leasing.				REMARKS.
	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.	
Brought over ..	366	636·1	1,22,79	5,03·9	4	9·7	74	2·0	369	615·8	1,19,07	5,05·9	6	7·3	1,38	7·6	
Brought over ..	1081	1,008·4	3,46,87	14,05·9	121	101,7	13,00	55·8	1198	1,106·1	3.56,99	14,28·5	500	511·5	83,03	4,61·3	
Parel Road ..	145	144·7	32,18	1,39·1	29	16·1	2,37	(‡) 9·2	174	160·8	(*u*) 3,456	(‡) 1,48·3	56	28·3	6,86	38·1	(‡) Rs. 1,05,106-12 premia and Rs. 43,272 Commutation amount received during the last two years. (*u*) Includes Rs. 1,04,137-8 for premia and Rs. 13,550 for fine.
East Agripada ..	55	83·0	13,99	66·6	..	..	..	..	55	83·0	(*v*) 13,99	66·6	32	22·0	5,28	29·3	(*v*) Includes Rs. 39,938 for premia.
Bhatwadi	10	5·2	1,13	3·8	..	..	..	..	10	5·2	(*w*) 1,14	(§) 3·8	..	..	..	..	(§) Rs. 7,434 Commutation amount received during the last year. (*w*) Includes Rs. 20,484 for premia and Rs. 200 for fine.
Lamington Road ..	1	0·3	13	0·6	..	..	..	..	1	0·3	13	0·6	..	..	..	..	

Sydenham Road ..	19	5·9	17,14	71·0	8	3·7	6,53	(‡) 13·5	27	9·6	(x) 23,68	(‡) 84·5	43	20·2	32,76	1,82·0	(‡) Rs. 2,19,211 premia paid during the last two years. (x) Includes Rs. 2,26,369 for premia and Rs. 500 for fine.
Undria Street ..	3	0·7	13	0·6	..	..	..	..	3	0·7	13	0·6	7	1·7	46	2·6	
Parel Road, Central	15	21·2	7,88	42·0	..	..	..	..	15	21·2	(y) 7,88	42·0	16	12·5	6,25	34·7	(y) Includes Rs. 2,500 for premia.
Parel Road, Northern ..	21	22·2	6,68	29·1	12	6·5	3,17	(‡) 14·7	33	28·7	(z) 9,85	(‡) 43·8	10	5·3	2,48	13·8	(z) Includes Rs. 40,000 for premia and Rs. 4,448 for fine. (‡) Rs. 72,112 premia paid during the last two years.
Mazagaon	6	46·0	7,68	36·2	..	..	..	..	6	46·0	(a) 7,68	36·2	3	8·2	2,42	13·5	(a) Includes Rs. 25,025 for premia.
Worli	5	11·1	2,53	0·4	1	5·0	45	(‡) ..	6	16·1	(b) 2,98	0·4	106	612·6	84,17	4,67·6	(b) Includes Rs. 77,850 for premia. (‡) Rs. 45,288 premia received during the year.
Foras Road Street Scheme	4	28·4	6,12	33·5	..	..	..	..	4	28·4	(c) 6,12	33·5	5	4·1	1,46	8·1	(c) Includes Rs. 4,815 for premia.
Kolbhatwadi (Impt.) Scheme	17	8·9	16,96	66·4	..	..	..	..	17	8·9	(d) 16,96	(‡) 66·4	..	..	..	..	(‡) Rs. 91,800 premia received in the last year. (d) Includes Rs. 2,05,800 for premia.
Dharavi Street Scheme ..	5	109·0	6,19	2·6	..	..	..	..	(§) 4	103·1	(e) 5,72	..	5	28·5	1,85	10·3	(§) One plot resumed during the year. (e) Includes Rs. 2,82,898 for premia.
Sewri-Wadala ..	4	24·0	59	1·4	..	..	..	..	4	24·0	(f) 59	(‡) 1·4	..	..	..	..	(f) Includes Rs. 24,000 for premia. (‡) Rs. 11,000 premia received during the last two years.
Carried over ..	1391	1,519·0	4,66,20	18,99 2	171	133·0	25,52	93·2	1557	1,642·1	4,88,40	19,56·6	783	1,254·9	2,27,02	12,61·3	
Carried over ..	366	636·1	1,22,79	5,03·9	4	9·7	74	2·0	369	615·8	1,19,07	5,05·9	6	7·3	1,38	7·6	

APPENDIX F.—*contd.*

Area, Capital Value and Rental are shown in thousands.

The Capital Value in columns 4 & 12 is inclusive of premia and fine.

000 omitted.

ESTATE.	Disposed of to end of 1932-33.				Disposed of in 1933-34.				Disposed of to end of 1933-34.				Balance available for leasing.				REMARKS.
	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.	
Brought over ..	366	636·1	1,22,79	5,03·9	4	9·7	74	2·0	369	615·8	1,19,07	5,05·9	6	7·3	1,38	7·6	
Brought over ..	1391	1,519·0	4,66,20	18,99·2	171	133·0	25,52	93·2	1557	1,642·1	4,88,40	19,56·6	783	1,254·9	2,27,02	12,61·3	
Worli Extension Scheme.	1	3·3	82	..	..	..	..	..	1	3·3	(*g*) 82	..	..	..	..	..	(*g*) Includes Rs. 41,055 for premia.
Naigaum Street Scheme.	19	102·5	20,89	(†) 43·1	2	1·4	45	2·5	21	103·9	(*h*) 21,34	(‡) 41·4	106	120·8	19,53	1,08·5	(*h*) Includes Rs. 4,56,576 for premia. (‡) Rs. 63,260 premia and Rs. 14,256 Commutation amount received during the last two years.
Fergusson Road ..	1	0·8	12	..	..	..	..	..	1	0·8	(‡) 14	(‡) 0·8	..	..	..	..	(‡) *Vide* I.C.R. No. 8173, 19th December 1933.
Love Lane	4	20·6	5,48	16·1	..	..	..	..	4	20·6	(*i*) 5,48	16·1	..	..	..	..	(*i*) Includes Rs. 1,13,762 for premia.
Mahalaxmi Street Scheme.	..	..	..	..	1	1·1	12	0·7	1	1·1	12	0·7	..	..	..	..	
Total ..	1416	1,646·2	4,93,51	19,58·4	174	135·5	26,09	96·4	1585	1,771·8	5,16,30	20,15·6	889	1,375·7	2,46,55	13,69·8	
Police Accommodation Schemes.																	
14 Nagpada ..	1	4·0	72	3·2	..	..	..	..	1	4·0	72	3·2	..	..	..	..	

16 Wodehouse Rd.	1	6·6	76	3·4	..	..	..	..	1	6·6	76	3·4	..	..	..	..	
17 Duncan Road ..	1	0·3	38	1·7	..	..	..	..	1	0·3	38	1·7	..	..	..	..	
18 Shepherd Road .	1	1·2	15	0·7	..	..	..	..	1	1·2	15	0·7	..	..	..	..	
19 Agripada ..	2	4·8	45	2·1	..	..	..	..	2	4·8	45	2·1	..	..	..	..	
23 Connaught Rd.. .	2	1·7	13	0·6	..	..	..	..	2	1·7	13	0·6	..	..	..	..	
24 Princess Street..	2	1·5	1,51	6·8	..	..	..	..	2	1·5	1,51	6·8	..	..	..	..	
25 Gamdevi ..	2	1·8	45	2·0	..	..	..	..	2	1·8	45	2·0	..	..	..	..	
34 Lamington Road	1	6·2	..	..	..	..	..	..	1	6·2	..	..	..	..	..	..	Nominal.
35 Sandhurst Road West, ..	1	0·9	39	1·6	..	..	..	..	1	0·9	39	1·6	..	..	..	..	
39 Sandhurst Road East.	4	2·8	1,97	8·9	..	..	..	..	4	2·8	1,97	8·9	..	..	..	..	
40 Byculla ..	1	16·4	..	..	..	..	..	..	1	16·4	..	..	..	..	..	..	Do.
44 Maharbavdi ..	1	2·7	..	..	..	..	..	..	1	2·7	..	..	..	..	..	..	
45 Palton Road ..	1	5·9	..	..	..	..	..	..	1	5·9	..	..	..	..	..	..	Do.
46 Naigaum ..	1	11·3	2,19	12·2	..	..	..	..	1	11·3	2,19	12·2	..	..	..	..	
48 Mahim	1	6·7	..	..	..	..	..	..	1	6·7	..	..	..	..	..	..	Do.
55 Chinch Bunder Road.	1	3·0	1,52	6·8	..	..	..	..	1	3·0	1,52	6·8	..	..	..	..	
55A. Mazagaon ..	1	5·4	..	..	..	..	..	..	1	5·4	..	..	..	..	..	..	Do.
63 Dadar Matunga North.	3	8·4	80	3·6	..	..	..	..	3	8·4	80	3·6	..	..	..	..	
67 Naigaum ..	2	46·5	962	53·4	..	..	..	..	2	46·5	9,62	53·4	..	..	..	..	
70 West Agripada between Trust Garage on Arthur Road and Lamington Road.	1	1·7	..	..	..	..	..	..	1	1·7	..	..	..	..	..	..	Do.
Total ..	31	139·8	21,04	1,07·0	..	..	..	..	31	139·8	21,04	1,07·0	..	..	..	..	
Carried over ..	1813	2,422·1	6,37,34	25,69·3	178	145·2	26,83	98·4	1985	2,527·4	6,56,41	26,28·5	895	1,383·0	2,47,9·3	13,77·4	

APPENDIX E—*contd.*

Area, Capital Value and Rental are shown in thousands.

The Capital Value in columns 4 & 12 is inclusive of premia and fine.

000 omitted.

ESTATE.	Disposed of to end of 1932-33.				Disposed of in 1933-34.				Disposed of to end of 1933-34.				Balance available for leasing.				REMARKS.
	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	No. of Plots.	Area.	Capital Value.	Rent.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	Rs.	
Brought over ..	1813	2,422·1	6,37,34	25,69·3	178	145·2	26,83	98·4	1985	2,527·4	6,56,41	26,28·5	895	1,383·0	2,47,93	13,77·4	
Poorer Classes Accommodation Schemes.																	
42 Spring Mills ..	1	20·0	76	3·4	..	..	..	..	1	20·0	76	3·4	..	..	..	..	
51 Century Mills ..	1	50·4	2,42	7·2	..	..	..	..	1	50·4	(*j*) 2,42	7·2	..	..	..	..	(*j*) Includes Rs. 1,21,495 for premia.
65 David Mills ..	1	18·5	2,95	..	..	..	..	..	1	18·5	2,95	(*) ..	..	..	..	..	(*) Rs. 3,00,000 premia paid in the last year.
Total ..	3	88·9	6,13	10·6	..	..	..	..	3	88·9	6,13	10·6	..	..	..	..	
Grand Total ..	1816	2,511·0	6,43,47	25,79·9	178	145·2	26,83	98·4	(+) 1988	2,616·3	6,62,54	26,39·1	895	1,383·0	2,47,93	13,77·4	(+) Exclusive of 12 plots sold outright.

APPENDIX G.

Trust Estates on Government lands (Schedules W, Y, Z) as at close of 1933-34.

(*N.B.*—The road areas have not been taken into account.)

Serial No.	Name of Estate.	As per Schedule W		Developed Land.									Undeveloped Land.		Remarks.
				Leased Plots.				Unleased Plots.				Open spaces in thousands of square yards.			
		Area.	Value.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.		Area in thousands of square yards.	Schedule value in thousands of Rupees.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Schedule W Lands.		Rs.			Rs.	Rs.			Rs.	Rs.			Rs.	
1	Flats	1,252,834	1,14,191	8	32.6	6,01	5.8	..	..	..	..	169	1,051.2	96	
2	Kennedy Sea Face ..	4,447	..	1	*4.4	0·2	0·01	..	..	..	..	..	..	..	* Swimming Bath.
3	Marine Lines	32,825	3,28,250	20	32.8	20	32.8	..	..	..	..	..	..	..	
4	Wellington Lines	44,038	4,40,380	16	32.0	7,74	30.7	..	..	..	..	(a) 12	..	..	(a) Central Garden.
5	Wodehouse Road	41,580	4,15,800	20	40.5	8,02	34.6	..	..	..	..	..	..	..	
6	Hornby Road	41,616	8,32,320	36	41.6	16,34	69.9	..	..	..	..	..	..	..	
7	Triangular Plot South of Crawford Market (Hornby Road).	7,707	1,54,140	1	7.6	2,87	12.9	..	..	..	..	..	..	..	
8	Plot North of Municipal Offices (Hornby Road).	6,811	2,04,330	1	6.9	1,96	8.2	..	..	..	..	..	..	..	
		1,431,858	24,89,411	103	198.4	48,59	1,87.3	..	..	..	..	181	1,051.2	96	

Note:—The following plots were resumed by Government at the time of amalgamation:—

(1) Body Guard Lines.
(2) Cooperage.
(3) Marine Lines Maidan.

APPENDIX G—(*contd.*)

Trust Estates on Government lands (Schedules W, Y, Z) as at close of 1933-34.

(*N.B.*—The road areas have not been taken into account.)

Serial No.	Name of Estate.	As per Schedule		Developed Land.									Undeveloped Land.		Remarks.
				Leased Plots.				Unleased Plots.				Open spaces in thousands of square yards.			
		Area.	Value.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.		Area in thousands of square yards.	Schedule value in thousands of Rupees.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Brought over ..	1,431,858	Rs. 24,89,411	103	198.4	Rs. 48,59	Rs. 1,87.3	..	..	Rs. ..	Rs. ..	181	1,051.2	Rs. 96	
9	West Chaupati Estate including old Distillery	63,732	6,37,320	40	91.3	15,78.3	75.0	1	0.4	13	0.7	5.8	..	..	
	Plot and the Hill Slope	47,544		5	6.3	1,52.7	6.9								
10	Parel Estate	46,696	1,40,088	..	..	..	..	..	..	..	..	..	46.7	140	
	Total ..	1,589,830	32,66,819	148	296.0	65,90	2,69.2	1	0.4	13	0.7	186.8	1097.9	236	
	Site for Admiral's Bungalow (Marine Lines).	..	..	1	8·3	2.30	10.3	..	..	..	..	..	..	..	
	East Chaupati Estate ..	4,789	47,890	8	4.3	1,57	7.9	..	..	..	..	..	..	..	
	Total ..	4,789	47,890	9	12.6	3,87	18.2	..	..	..	..	..	..	..	
	Schedule Y Lands Colaba Reclamation.	†46,580	..	36	53.8	23,86	1,06.7	..	..	..	..	1.9	..	..	†Reclaimed area.
		*9,152	13,000												
	Nepean Sea Road Reclamation.	2,014	..	1	2.0	14	0.6	..	..	..	..	..	..	..	*Acquired area.
	Total ..	57,746	13,000	37	55.8	24,00	1,07.3	..	..	..	..	1.9	..	..	
	Schedule Z Lands	3,250	..	1	3.2	5	0.2	..	..	..	..	..	..	..	
	Grand Total .	1,655,615	33,27,709	195	367.6	93,82	3,94.9	1	0.4	13	0.7	188.7	1,097.9	236	

APPENDIX H.

Trust Estates on Municipal Lands (Schedule X) as at close of 1933-34.

(*N.B.*—The Road areas have not been taken into account.)

Serial No.	Name of Estate.	As per Schedule X.		Developed Land.										Undeveloped Land.		Remarks.
				Leased Plots.				Unleased Plots.								
		Area.	Value.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	Open Spaces in thousands of square yards.	Service Passages in thousands of square yards.	Area in thousands of square yards.	Schedule value in thousands of Rupees.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Rs.			Rs.	Rs.			Rs.	Rs.				Rs.	
1	Connaught Road	13,858	77,237	17	12.2	96	4.2	..	..	..	..	..	1.5	..	..	
2	West Agripada	227,971	6,64,534													
3	Central Agripada	2,911	10,528	150	206.4	22,49	98.7	5	6.9	1,25	6.9	18.4	11.0	..	..	
4	East Agripada	65,885	6,38,426	C. 6	28.0	1,80	8.1									
5	Lands at Matunga ..	86,187	90,984	1	1.6	..	*..	..	..	..	..	..	..	85	89	*As the land is leased in exchange the rent is Re. 1 only.
	Total ..	396,812	14,81,709	168 C. 6	220.2 28.0	23,45 1,80	1,02.9 8.1	5	6.9	1,25	6.9	18.4	12.5	85	89	

Note C stands for Trust Chawls.

APPENDIX I.

Trust Permanent Estates on their own lands at close of 1933-34.

(*N.B.*—The Road areas have not been taken into account.)

Serial No.	Name of Scheme.	Land acquired upto 31st March 1934.		Developed Land.										Undeveloped Land.		Police accommodation site transferred to Government in thousands of square yards.	Land sold or exchanged in thousands of square yards.	Total of columns 6, 10, 13, 14, 15, 17, 18.	REMARKS.
				Leased plots.				Unleased plots.				Open spaces in thousands of Square yards.	Service passages in thousands of Square yards.						
		Area in thousands of square yards.	Awards in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.			Area acquired in thousands of square yards.	Proportionate cost of acquisition in thousand of Rupees.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			Rs.			Rs.	Rs.			Rs.	Rs.				Rs.				
1	First Nagpada	72.8	15,37	63 C.2	42.6 4.7	7,94 33	34.0 1.4	..	..	..	..	2.8	3.3	..	..	4.0	0.8	58.2	Excess of column 3 over 19 due to omission of areas of Roads.
2	Princess Street	1,20.1	67,47	115 C.2	61.7 11.1	92,89 1,89	3,85.9 8.5	..	..	..	..	..	5.8	..	..	1.5	2.6	82.7	
3	Sandhurst Road ..	2,48.5	82,45	186 C.2	1,25.3 14.4	94,58 1,94	3,80.7 8.7	9	5.8	4,86	27.0	3.9	1.3	..	..	3.7	3.2	1,57.6	Plots Nos. 101, 102, 103, 105 & 106 admeasuring 4,454.8 sq. yds. taken over by the Trust with the buildings thereon.
4	Gamdevi	1,81.7	12,16	119	1,01.7	23,12	84.0	..	..	..	..	12.2	3.3	..	..	1.8	7.3	1,26.3	
5	Dadar Matunga ..	14,56.5	23,87	592 C.3	6,35.7 10.7	70,16 67	2,70.4 3.7	309	364.0	36,00	2,00.0	2,55.2	..	..	..	8.4	1,69.5	14,43.5	
6	Sion Matunga	17,91.5	20,50	5	7.4	1,29	0.5	99	86.5	675	37.5	15.0	..	15,72.8	18,00	..	23.6	17,05.3	
8	Mandvi Koliwada ..	29.4	19,80	32 C.1	15.1 4.2	16,92 313	71.4 14.1	..	..	..	..	..	2.4	..	..	..	1.7	23.4	
13	Souter Street Extension Eastward	7.5	21	4	3.1	42	1.7	..	..	..	..	..	4.2	..	..	..	..	7.3	
27	Mathew Road	50.8	11,30	21	34.5	12,99	47.8	..	..	..	..	..	0.4	..	..	..	2.5	37.4	
29	Nowroji Hill	1,71.7	63,70	50 C.1	25.4 8.5	26,45 2,27	1,05.5 10.2	88	55.2	35,42	1,96.8	8.1	3.5	17.9	6,64	3.0	0.9	1,22.5	Plots Nos. 4, 5, 6, 11, 11A & 12 admeasuring 4,965 sq. yds. taken over by the Trust with the buildings thereon.

30	Souter Street Extension West Ward	16.9 2.6	69 10	..	..	..	..	..	..	..	..	..	..	..	..	19.5	19.5	
31	Parel	548.5 17.1	41,55 1,09	173 C.1	152.7 8.1	34,20 36	1,46.7 1.6	56	28.3	6,86	38.1	1.6	2.1	..	..	..	1,88.3	376.6	
32	East Agripada	205.4	22,55	51 C.4	63.7 19.3	10,66 3,33	48.0 18.6	32	22.0	5,28	29.3	..	2.4	53.4	5,86	..	24.0	184.8	
33	Bhatwadi	8.5	2,79	10	5.2	1,14	3.8	..	..	..	..	..	0:4	..	..	..	..	5.6	
36	Lamington Road ..	7.5	2,22	1	0.3	13	0.6	..	..	..	..	2.6	..	..	..	..	..	2.9	
37	Sydenham Road ..	75.4	1,13,09	27	9.6	23,68	84.5	43	20.2	32,76	1,82.0	..	1.7	1.9	2,85	..	0.3	33.7	
41	Undria Street	6.4	4,62	3	0.7	13	0.6	7	1.7	46	2.6	..	..	*4.0	2,89	..	..	6.4	*This area is occupied in part by 7 houses which have been remodelled by the Trust.
43	Parel Road Central ..	63.1	25,84	13 C.2	8.4 12.8	5,68 2,20	29.8 12.2	16	12.5	6,25	34.7	..	..	..	..	..	..	33.7	
47	Parel Road Northern ..	108.0	30,61	33	28.7	9,85	43.8	10	5.3	2,48	13.8	..	..	..	..	..	..	34.0	
50	Mazagaon	62.6	7,95	5 C.1	18.1 27.9	3,92 3,76	15.3 20.9	3	8.2	2,42	13.5	2.0	..	..	..	..	..	56.2	
52	Worli	1,728.0	88,73	6	16.1	2,98	0.4	106	612.6	84,17	4,67.6	..	..	7,68.0	39,44	..	1,56.0	1,552.7	
53	Foras Road	44.9	8,33	3 C.1	1.9 26.5	68 5,44	3.3 30.2	5	4.1	1,46	8.1	2.6	..	..	..	..	0.8	35.9	
54	Kolbhatwadi	13.3	13,68	17	8.9	16,96	66.4	..	..	..	..	..	..	1.6	2,25	..	1.0	11.5	
56	Dharavi	1,740.2	37,79	4	1,03.1	5,72	..	5	28·5	1,85	10.3	..	..	16,02.4	34,80	..	2.0	1,736.0	
57	Sewri-Wadala	1,811.6	1,25,52	4	24.0	59	1.4	..	..	..	..	..	..	16,81.0	1,16,47	..	83.8	1,788.8	
58	Worli Extension Scheme	397.0	27,12	1	3.3	82	..	..	..	..	..	..	..	372.0	25,41	..	0.5	375.8	
59	Sewri Koliwada ..	29.4	4,48	..	..	..	..	..	..	..	..	..	..	29.4	4,48	..	..	29.4	
60	Naigaum	517.0	51,95	21	1,03.9	21,34	41.4	106	120.8	19,53	1,08.5	..	0.2	96.2	9,67	57.8	77.2	4,56.1	No cash consideration has been paid for 9,989 sq. yds. in case 97 but 19,418 sq. yds. given free of cost to the Trust.
61	Fergusson Road ..	167.7	4,09	1	0.8	14	0.8	..	..	..	..	..	..	3.8	9	..	1,76.0	1,80.6	24,858 sq. yds. from Schedule W.
62	Love Lane	20.5	3,80	3 C.1	7.4 13.2	2,84 2,64	1.4 14.7	..	..	..	..	..	..	..	..	..	..	20.6	
	Carried over ..	1,17,22·1	9,40,42	15,68 C. 21	16,09·3 161·4	4,88,22 27,96	18,70·1 1,44·8	889	13,75·7	2,46,55	13,69·8	3,06·0	31·0	62,04·4	2,68,85	80·2	987·0	1,07,05·0	

C—Stands for Trust chawls.

APPENDIX I—*continued.*

Trust Permanent Estates on their own lands at close of 1933-34.

(*N.B.*—The road areas have not been taken into account.)

Serial No.	Name of Scheme.	Land acquired upto 31st March 1934.		Developed Land.										Undeveloped Land.		Police accommodation site transferred to Government in thousands of square yards.	Land sold or exchanged in thousands of square yards.	Total of columns 6, 10, 13, 14, 15, 17, 18.	REMARKS.
				Leased plots.				Unleased plots.				Open spaces in thousands of square yards.	Service passages in thousands of square yards.						
		Area in thousands of square yards.	Awards in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.	No.	Area in thousands of square yards.	Capital value in thousands of Rupees.	Rental in thousands of Rupees.			Area acquired in thousands of square yards.	Proportionate cost of acquisition in thousands of Rupees.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			Rs.			Rs.	Rs.			Rs.	Rs.				Rs.				
	Brought over ..	1,17,22·1	9,40,42	15,63 C. 21	16,09·3 161·4	4,88,22 2796	18,70·1 144·8	889	13,75·7	2,46,55	13,69·8	3,06·0	31·0	62,04·4	2,68.85	80·2	9,37·0	1,07,05·0	
68	Mahalaxmi Street Scheme	6.8	126	1	1.1	12	9,7	..	..	..	..	..	..	..	..	..	0.2	1.3	
69	Widening of Byculla Bridge	3.4	81	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	POLICE ACCOMMODATION SCHEMES.																		
14	Nagpada	..	..	1	4.0	72	3.2	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 1.
16	Wodehouse Road ..	6.6	76	1	6.6	76	3.4	..	..	..	..	..	..	..	..	..	..	6.6	
17	Duncan Road	0.3	39	1	0.3	38	1.7	..	..	..	..	..	..	..	..	..	..	0.3	
18	Shepherd Road	1.3	16	1	1.2	15	0.7	..	..	..	..	..	..	..	..	..	..	1.2	
19	Agripada	4.8	45	2	4.8	45	2.1	..	..	..	..	..	..	..	..	..	..	4.8	
23	Connaught Road ..	1.7	13	2	1.7	13	0.6	..	..	..	..	..	..	..	..	..	..	1.7	
24	Princess Street	..	..	2	1.5	1,51	6.8	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 2.
25	Gamdevi	..	..	2	1.8	45	2.0	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 4.
34	Lamington Road ..	6.2	..	1	6.2	..	..	..	..	..	..	..	..	..	..	..	..	6.2	Nominal.
35	Sandhurst Road West ..	..	..	1	0.9	39	1.6	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 3.
39	Sandhurst Road East ..	..	..	4	2.8	1,97	8.9	..	..	..	..	..	..	..	..	..	..	..	Do.

40	Byculla	16.4	..	1	16.4	..	..	..	..	..	..	..	..	..	..	..	..	16.4	Nominal.
44	Maharbavdi	2.7	..	1	2.7	..	..	..	..	..	..	..	..	..	..	..	..	2.7	Do.
45	Palton Road	5.9	..	1	5.9	..	..	..	..	..	..	..	..	..	..	..	..	5.9	Do.
46	Naigaum	..	..	1	11.3	2,19	12.2	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 60.
48	Mahim	6.7	..	1	6.7	..	..	..	..	..	..	..	..	..	..	..	..	6.7	Nominal.
55	Chinch Bunder Road ..	..	..	1	3.0	1,52	6.8	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 29.
55A	Mazagaon	5.4	..	1	5.4	..	..	..	..	..	..	..	..	..	..	..	..	5.4	Nominal.
63	Dadar Matunga North .	..	..	3	8.4	80	3.6	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 5.
67	Naigaum	..	..	2	46.5	9,62	53.4	..	..	..	..	..	..	..	..	..	..	..	Included in Scheme 60.
70	Between Trust Garage on Arthur Road and Lamington Road ..	1.7	..	1	1.7	..	..	..	..	..	..	..	..	..	..	..	..	1.7	Nominal.
	POORER CLASSES ACCOMMODATION SCHEMES.																		
42	Spring Mills	20.0	76	1	20.0	76	3.4	..	..	..	..	..	..	..	..	..	..	20.0	
51	Century Mills	50.4	1,15	1	50.4	2,42	7.2	..	..	..	..	..	..	..	..	..	..	50.4	
65	David Mills	20.7	2,40	1	18.5	2,95	..	..	..	..	..	..	..	..	..	..	2.2	20.7	
	Total ..	1,18,83.1	9,48,69	15,98 C.21	18,39.1 1,61.4	5,15,51 27,96	19,88.4 1,44.8	889	13,75.7	2,46,55	13,69.8	3,06.0	31.0	62,04.4	2,68,85	80.2	9,39.4	1,08,57.0	

C—Stands for Trust chawls.

WATER WORKS.

The total quantity of water received during the year from all sources (Tansa, Vehar and Tulsi) amounted to 31,668 million gallons or an average of 86·77 million gallons per day. The corresponding figures for the preceding year being 32,147 million gallons or an average of 88·07 million gallons per day.

The average daily supply to the suburbs was 2·37 million gallons per day, leaving a balance of 84·40 million gallons for distribution in the City. The average daily supply for all purposes *per head* was 72·67 gallons as against 74·13 gallons during the preceding year.

TANSA LAKE.

The total rainfall at Tansa was 109·15 inches or 19·9 per cent. above the average of the preceding five years.

Rain fell on 115 days and the maximum rainfall recorded in a day was 9·90 inches.

The lake commenced to overflow on 2nd August 1933 when the rainfall amounted to 55·92 inches and continued to overflow upto 3rd September 1933.

There was a second overflow between 5th September 1933 and 28th September 1933.

The quantity of water impounded in the lake before the first overflow was 21,460 million gallons and that before the 2nd overflow was 125 million gallons. These quantities are exclusive of the quantity supplied to the City and losses by evaporation, etc., during the period.

The run off from the catchment area (45 square miles, excluding the lake surface) was 64 per cent. of the rainfall recorded on the dam on 2nd August 1933 when the lake commenced to overflow.

The total quantity of water brought into the City and suburbs was 28,625 million gallons or an average of 78·42 million gallons per day. 160 million gallons were discharged from the Tansa Duct into the Vehar lake at Bhandup during the year.

The loss of water from the lake through supply, evaporation, leakage and absorption between 1st April 1933 to 31st May 1933 was 5,336 million gallons and between 1st November 1933 to 31st March 1934, 14,345 million gallons, making a total of 19,681 milllion gallons, for 212 days or an average of 92·8 million gallons per day.

The average loss of water by evaporation measured during the dry months was ·02 feet per day equivalent to an average of 22·6 million gallons per day.

The lowest level to which the water was drawn before the monsoon was 399·90 feet above T.H.D. At this level the lake contains 14,142 million gallons.

The total visible leakage along the duct between Tansa and Ghatkopar measured at the close of the year was ·042 million gallons per day.

The whole of the water supply from Tansa was chlorinated at Bhandup before supply to the City.

The extreme variation in the temperature on the 14th January 1934 produced excessive expansion and contraction of the 72″ steel pipe lines which resulted in the two main valves at Jamboli (between 8 and 9 miles from Tansa) being torn asunder. The situation was critical in view of the fact that 86 per cent. of the water supply to the City is received through these mains. The repairs were however speedily executed and the broken valves replaced by temporary distance pieces without any interruption of the normal water supply.

VEHAR LAKE.

The total rainfall for the year measured at the dam was 92.67 inches or 33.63 per cent. above the average of the preceding five years.

Rain fell on 91 days and the maximum rainfall recorded in a day was 8·05 inches.

During the year 160 million gallons of water was discharged into the lake from the Tansa duct line.

The lake commenced to overflow on 26th August 1933 when the rainfall was 66·03 inches and continued to overflow upto 11th October 1933,

The quantity of water impounded in the lake before it commenced to overflow was 4,956 million gallons. This quantity is exclusive of the quantity supplied to the City, and losses by evaporation, etc., during the period.

The run off from the catchment area (2550 acres, excluding lake surface), was 70 per cent. of the rainfall recorded on the dam, when the lake commenced to overflow and is exclusive of the overflow received from the Tulsi lake.

The total quantity supplied to the City during the aggregate period of 236 days when the lake was being drawn upon was 3,043 million gallons or an average of 12·9 million gallons per day.

The loss of water from the lake through supply, evaporation, leakage and absorption between 1st April 1933 and 31st May 1933, was 1092 million gallons and between 1st November 1933 and 31st March 1934 was 2,261 million gallons, making a total of 3,353 million gallons for 212 days or an average of 15·8 million gallons per day.

No water was drawn off the lake between 20th January 1934 and 20th March 1934 and the loss due to absorption, leakage and evaporation during that period amounted to 370 million gallons for 59 days or an average of 6·3 million gallons per day.

The average loss of water by evaporation as measured during the dry months was ·016 feet per day, equivalent to an average of 5·6 million gallons per day.

The lowest level to which the water was drawn before the monsoon was 249·34 feet above T. H. D. leaving 18·84 feet or 4,164 million gallons above the level of the lowest outlet.

There were no bursts on the Vehar Pipe Line outside Bombay during the year. The whole of the water supplied from the lake was chlorinated at the source before being supplied to the City.

TULSI LAKE.

The total rainfall for the year measured at the dam was 125·47 inches or 13 per cent. above the average of the preceding five years.

Rain fell on 100 days and the maximum rainfall recorded in a day was 8·47 inches.

The lake commenced to overflow on 29th July 1933 and continued to overflow upto 8th October 1933.

The quantity of water impounded in the lake before the overflow was 554 million gallons, which is exclusive of the evaporation and other losses. The run off from the catchment area (1,669 acres) before the lake began to overflow was 22·22 per cent. of the rainfall recorded on the dam.

No water was drawn from the lake during the year.

The loss of water from the lake due to evaporation, leakage and absorption between 1st April 1933 and 31st May 1933 was 135 million gallons and between 1st November 1933 and 31st March 1934 was 404 million gallons, making a total of 539 million gallons for 212 days or an average of 2·5 million gallons per day.

The lowest water level during the year was 450·04 T.H.D.

The average loss of water by evaporation as measured during the dry months was ·017 feet per day equivalent to an average of 1·5 million gallons per day. There were no bursts on the Tulsi main during the year.

POWAI LAKE,

The total rainfall for the year measured at the dam was 97·80 inches or 2·6 per cent. above the average of the preceding five years.

Rain fell on 85 days and the maximum rainfall recorded in a day was 10·50 inches.

The lake commenced to overflow on 29th July 1933, when the rainfall was 37·60 inches, and continued to overflow upto 13th October 1933.

The quantity of water impounded in the lake before overflow was 347 million gallons and the run off from the catchment area (1,650 acres) was 14·75 per cent. of the rainfall recdrded on the dam.

No water was drawn from the lake during the year.

The loss of water from the lake due to evaporation, and absorption between 1st April 1933 to 31st May 1933 was 145 million gallons and between 1st November 1933 to 31st March 1934, was 208 million gallons making a total of 353 million gallons for 212 days or an average of 1·7 million gallons per day.

TESTING SAMPLES FROM ULHAS RIVER NEAR AMBAPARA.

The Corporation approved of the proposal of testing samples of water from Ulhas River at a cost of Rs. 1050 early in August 1933, in order to see whether the water from that river could be utilised for augmenting the City's water supply.

The work of taking samples from the River near Ambapara was commenced from 23rd July 1933 and stopped on the 26th August 1933. During this period three samples a day *viz.* morning, noon and evening were taken as the river was flowing in considerable quantities owing to heavy rainfall in the Catchment. The chlorides in the samples taken during this period varied from 1 to 2 parts 100,000 and as the river continued to flow almost in floods the work of taking samples was stopped during the remaining rainy season.

The work was recommenced from 27th February 1934 and was in progress throughout the remaining period of the year. The chlorides observed at the site during this period varied from about 250 to 700 parts per 100,000.

A report regarding the result of the tests will be made in due course.

SERVICE RESERVOIRS.

No additions or alterations were made to the Service Reservoirs at Malabar Hill and Bhandarwada.

The public Tennis Courts at the latter Reservoir were not so well patronized as in the previous year, the total receipts for the year amounting to Rs. 223 only as against Rs. 421 during the preceding year.

NEW WORKS.

The following new water mains, were laid during the year.

Ward.	Locality.	Size of main laid.	Total length laid.
F	From King Edward Road to 6″ Main in the passage of Parel Village Road ..	6″	718—Rft.
A	Robert Road (Colaba) ..	6″	1,598—Rft.
A	do.	5″	104—Rft.
G	Dharavi Road	6″	846—Rft.

WASTE PREVENTION.

Waste prevention operations were continued throughout the year with the result that 17,989 defects were detected and repaired ; of these 11,425 were underground and 6,564 above ground.

The total length of water mains tested for leakage by Deacon's meters was 357 miles and 2,316 feet.

The total length of water mains of all sizes tested by sound during the year was 321 miles and 3,138 feet.

The number of defect notices issued during the year was 2,660.

Particulars of defects detected and remedied, the number of diagrams taken and wastage checked during the year are given in the attached statement.

Prosecutions :—136 prosecutions were launched before the Presidency Magistrates for infringement of the provisions of the Municipal Act and for violation of Bye-laws relating to Water Works during the year under report.

The total amount of fine inflicted and recovered was Rs. 330.

Statement of Defects found on Mains and Service Pipes during the year 1933-1934.

Month.	No. of Diagrams taken.	Total leakage discovered and arrested in Gallons per hour.	DEFECTS.																				Total.
			Under Ground.									Above Ground.											
			Mains.		Sluice Valves.	Hydrants.	Service Pipes.	Stop Taps.	Disconnected service pipes.		Miscellaneous Holes in Mains, etc.	Bib Taps.			Service Pipes.		Ball Valves and Tanks.			Stop Taps leaking.	Meter Coupling Flanges, Holes, etc.	Miscellaneous.	
			Bursts.	Joints.					Ferrule leak.	Pipe leak.		Re-washered.	Out of order.	Left open.	Leaking.	Without Tap.	B. V. out of order.	Tanks without B. V's.	Tanks leaking.				
1933.																							
April	74	283,060	—	21	71	269	224	210	9	...	24	48	300	...	74	4	46	5	92	89	..	..	1,486
May	97	299,720	1	17	65	397	210	252	3	...	22	86	398	...	115	6	19	6	181	108	..	..	1,886
June	83	278,590	2	17	108	272	246	269	6	...	8	71	287	...	85	8	75	2	104	125	..	..	1,685
July	85	240,030	4	11	95	312	204	236	2	...	19	76	234	..	84	13	32	5	113	60	..	..	1,500
August	90	243,830	4	16	87	349	209	268	..	..	13	43	227	..	82	4	60	6	80	46	..	..	1,494
September	77	254,250	1	15	73	341	227	279	..	..	19	51	209	...	95	4	40	17	102	82	..	..	1,555
October	99	233,500	—	18	98	318	223	339	4	..	17	62	161	..	55	6	43	9	36	97	..	..	1,486
November	90	251,950	5	35	101	350	268	289	6	..	10	70	144	..	80	3	10	6	37	67	..	..	1,481
December	89	271,530	4	20	106	303	158	325	1	..	11	76	144	..	52	3	21	8	39	57	..	..	1,328
1934.																							
January	86	255,520	3	28	103	426	186	317	1	..	5	66	164	..	71	3	13	9	84	61	..	..	1,540
February	91	195,200	1	21	117	288	193	194	1	..	13	71	88	..	60	2	24	17	51	25	..	..	1,166
March	81	264,420	2	48	112	305	212	324	2	...	7	54	101	..	87	2	26	6	9	85	..	..	1,382
Total	1,042	3,071,600	27	267	1,136	3,930	2,560	3,302	35	..	168	774	2,457	.	940	58	409	96	928	902	..	..	17,989
Grand Total	1,042	3,071,600	11,425									774	5,790										17,989

MAINTENANCE WORKS.

There were 27 bursts on water mains of various sizes during the year *viz* :—

3″	7
4″	14
5″	2
7″	1
8″	1
9″	2

The number of water connections made during the year 1933-34 was 893. The number of connections cut off for various reasons was 273, out of which 224 were subsequently restored.

The net increase in the number of connections is therefore 844. The total number of connections now stands at 37296.

The total number of Municipal meters at present in use is 2,292.

The number of disconnection orders sanctioned by the Standing Committee during the year was 351 against 346 last year. These have been dealt with as follows :—

(1)	Disconnection not enforced owing to the requirements having been complied with	145
(2)	Disconnections enforced	206
(3)	Connections restored on compliance with Municipal requirements	162
(4)	Connections remaining unrestored.	44

I have the honour to be,

Sir,

Your most obedient Servent.

W. A. NIVEN.

Hydraulic Engineer.

FIRE BRIGADE.

No. F/430/P.R. of 1934-35.

BOMBAY, 28*th May* 1934.

FROM

THE CHIEF OFFICER,
BOMBAY FIRE BRIGADE, BYCULLA,
BOMBAY.

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY,
BOMBAY.

SIR,

I have the honour to submit my Annual Report on the working of the Brigade for the year 1933-34.

Calls.—The number of calls totalled 496 as against 715 in the previous year. Of these 300 (including 3 outside the City limits) were in respect of fires, 77 false alarms and 3 in respect of fallen buildings and other rescue operations. In some cases more than one call was received for the same fire. Compared with last year the number of fires shows a decrease of 115. Of the 77 false alarms 25 were found to be malicious, 9 made with good intent, and 43 caused by electrical defects, etc.

Fire Loss.—The estimated fire loss amounted to Rs. 9,73,059 showing a decrease of Rs. 19,22,782 compared with last year and Rs. 7,02,052 below the average of the last three years. Rs. 9,32,871 of the year's loss represented insured and Rs. 40,188 uninsured property whilst the total property at risk was approximately worth Rs. 2,40,03,515.

Water Supply.—The supply throughout the year has been satisfactory and attendance of the Water Department prompt. The approximate quantity of water used at fires was 12,948 tons, of which 10,923 were drawn from mains and 2,025 from sea, tanks and wells.

Lives lost, etc.—Five persons were burned to death and fourteen received serious injuries of which they subsequently died. Eighteen persons received minor injuries from which they have since recovered. First-aid to the injured was rendered by the Brigade on 28 occasions.

Fire Alarms.—Sixty per cent. of the calls during the year were given through the fire alarm system. The total number of fire alarms in the City including 27 private alarms and two additional fire alarms installed during the year was 181. Five arrests were made in connection with malicious interference with fire alarms. In two cases the accused persons were found to be mentally defective and were dealt with accordingly. In the remaining three cases one offender was sentenced to 1 month's rigorous imprisonment, one to 1 day's simple imprisonment and the other was fined Rs. 2.

Appliances.—The much needed 85 feet Turntable ladder was received in the month of November 1933 and was placed in commission immediately. Since then it has given complete satisfaction. Some of the appliances owing to their age and condition have been a source of trouble and it is feared that some of them will soon have to be replaced in order to maintain the high efficiency of the Brigade.

Stations.—Owing to financial stringency the schemes for building new stations have had to be shelved, but it is hoped that the need for these stations will not be overlooked when funds are available for building works.

General.—H. E. the Governor honoured the Brigade with a visit on the 25th May 1933 when he inspected the officers and men and witnessed a display given by the Brigade staff at the Headquarters Station.

The Brigade on 20 occasions responded to calls on account of fallen buildings and other rescue operations. As a result of these collapses, etc., five persons lost their lives and twelve received slight injuries. Several persons were assisted by the Brigade to safety by means of fire escapes. First-aid to the injured was rendered by the Brigade whenever necessary.

The distance run by the appliances to and from 496 calls totalled 3,272 miles.

Inspection of fire Hydrants was carried out regularly and all defects remedied at once.

Fifty-six inspections of theatres and cinemas, and seven hundred and ten of premises in connection with dangerous trades were carried out.

Ambulance Service.—Three hundred and seventy-eight calls in respect of accidents, 369 in respect of maternity cases and 1,387 ambulance hire calls were responded to as against 467 for accidents and 1,294 hire calls during previous year. 2,216 persons were carried as against 1,832 persons last year and the aggregated distance run by the ambulances was 18,062 miles. Receipts from hire cases amounted to Rs. 8,750 as against Rs. 8,000 last year. First aid to the injured was rendered by the staff on 114 occasions. The Free Maternity Ambulance was taken over by this department from the Health Department during the year.

In conclusion, I wish to express my thanks to the Officers of the Water Department, Police and Salvage Corps for their assistance on all occasions.

I have the honour to be,
Sir,
Your most obedient servant,
N. COOMBS,
Chief Officer, Fire Brigade.

Budgetted Strength and Equipment of the Brigade.

Strength.

1	Chief Officer.	8	Engineers and Fitters.
1	2nd Officer.	24	Motor Drivers.
12	Station Officers.	27	Tindals.
1	Motor Mechanic.	198	Firemen, etc.
1	Sub-Officer.	3	Turncocks.
		1	Carpenter.

Office Staff—4 Clerks.

Ambulance Staff—6 Motor Drivers and 15 Attendants.

Equipment.

11	Motor pumps. (All fitted with 1st aid appliances, 7 carrying Fire Escapes and 3 extension ladders.)	4	60 feet Fire Escapes.
		4	35 feet extension ladders.
4	Steam Motor Engines.	2	12 feet hook ladders.
1	Motor Escape and 1st aid tender.	12	Hose Reels.
1	Motor ladder and 1st aid tender.	4	Sets of breathing apparatus.
1	85 feet Motor Turn-table ladder.	4	Smoke Helmets.
1	82 feet do. do.	1	Oxy-acetylene cutting plant.
1	Motor Emergency Van.	1	Foam generator.
1	Motor Car.	40,000	feet of rubber-lined hose,
2	Motor Lorries.		Chemical extincteurs and other small appliances.
5	50 feet Fire Escapes.		

6 Motor Ambulances.

APPENDIX I.

BOMBAY FIRE BRIGADE.

Statement showing the distribution of Engines, etc.

No.	Stations.	Motor Pumps.	Steam Fire Engines.	Motor Escape and 1st Aid Tenders.	Motor Turn-table Ladders.	Motor Emergency Van.	Motor Car.	Motor Lorries	Fire Escapes.	Extension Ladders.	Hose Reels.	Sets of breathing apparatus.	Smoke Helmets.	Oxy-Acetylene cutting Plant.	Rubber-lined Delivery Hose in 50 feet lengths.	Station Officers including 2nd Officer.	Motor Mechanic.	Sub-Officer.	Engineers and Fitters.	Motor Drivers.	Tindals.	Firemen, etc.	Turncocks.	Carpenter.	Ambulances.	Motor Drivers.	Firemen (Attendants).	Remarks.
1	Head Quarters.	2	..	..	1	1	1	2	1	1	1	3	3	1	305	4	1	1	7	11	12	71	..	1	3	4	11	First aid appliance attached. Escape or extension ladder carried on motor pumps.
2	Alexandra Docks.	1	1	1	..	..	..	..	1	..	1	1	1	..	80	2	..	..	..	2	2	18	..	..	1	1	2	First aid appliance attached. Escape carried on tender.
3	Gowalia Tank .	1	..	..	..	..	..	..	1	..	1	..	..	..	45	1	..	..	..	1	1	12	..	..	..	..	..	First aid appliance attached. Escape carried on motor pump.
4	Sewree ..	1	..	..	..	..	..	..	..	1	2	..	..	..	60	1	..	..	..	1	1	14	..	..	..	..	..	First aid appliance attached. Extension ladder carried on motor pump.
5	Babula Tank ..	1	1	.	..	..	..	..	1	..	1	..	..	..	60	1	..	..	1	2	2	16	..	..	..	..	..	First aid appliance attached. Escape carried on motor pump.
6	Fort	1	..	..	..	..	..	..	1	1	..	..	..	..	30	1	..	..	..	1	2	14	..	..	..	..	..	First aid appliance attached. Extension ladder carried on motor pump.
7	Colaba ..	1	..	..	..	..	..	..	1	..	3	..	..	..	40	1	..	..	..	1	1	12	..	..	..	..	..	First aid appliance attached. Escape carried on motor pump.
10	Dadar	1	1	1	..	..	..	..	1	1	2	..	..	..	80	1	..	..	..	2	2	15	1	..	1	1	2	Do.
11	Bhuleshwar ..	1	..	..	..	..	..	..	1	..	1	..	..	..	40	..	..	..	..	1	2	10	..	..	..	..	..	Do.
12	Mandvi ..	1	1	..	1	..	..	..	1	..	..	..	..	..	60	1	..	..	..	2	2	16	2	..	..	..	..	First aid appliance attached. Extension ladder carried on motor pump.
	Total ..	11	4	2	2	1	1	2	9	4	12	4	4	1	800	13	1	1	8	24	27	198	3	1	5	6	15	

APPENDIX II.

BOMBAY FIRE BRIGADE.

Summary of calls to fires (including false alarms) showing the number of times appliances of the Fire Brigade attended and were used for extinguishing fires during the year 1933-34.

No.	STATIONS.	Number of Fire Alarms attached.		How called.						Appliances attended.								Extinguished by.											Sets of Breathing apparatus used.	Fan blower used.	REMARKS.
		Fire Brigade.	Private.	By Stranger.	By Fire Alarm.	By Exchange Telephone.	By Police or Salvage Corps.	By Private Telephones.	Total.	Hose Reels.	Motor Steamers.	Motor Pumps carrying Escapes or Ladders.	Motor Escape or Ladder Tender.	Motor Turntable Ladder.	Hand Escapes.	Motor Emergency Van.	Motor Lorries.	Buckets.	Sand.	Hand Pumps.	Chemical Extincteurs.	First Aid Appliances.	Hydrants.	Motor Steamers.	Motor Pumps.	Foam Generator.	Automatic Sprinklers actuated.	Smoke Helmet used.			
1	Head Quarters ..	16	4	8	28	155	1	..	192	..	..	151	..	19	..	33	15	6	1	1	2	22	50	..	28	..	..	6	..	..	
2	Alexandra Dock..	17	1	2	16	..	..	1	19	..	..	48	34	..	..	..	..	1	3	..	..	4	3	..	8	..	..	..	..	..	
3	Gowalia Tank ..	27	3	4	34	..	..	..	38	..	..	51	..	..	..	..	..	..	..	..	..	5	7	..	3	..	..	..	..	..	
4	Sewree Cotton Depot.	8	5	1	14	..	1	..	16	2	..	40	..	..	..	..	..	1	..	..	..	..	9	..	10	..	..	..	..	..	
5	Babula Tank ..	12	5	5	39	..	..	..	44	..	4	159	..	..	..	..	..	15	2	..	..	21	4	1	16	..	..	..	..	..	
6	Fort	11	6	5	12	..	..	..	17	..	..	47	..	..	6	..	..	2	1	..	..	2	..	..	6	..	..	..	..	..	
7	Colaba	8	1	..	6	..	..	..	6	3	..	28	28	..	..	..	..	2	..	..	..	2	1	..	..	..	..	..	..	..	
10	Dadar	27	1	4	33	..	..	..	37	1	..	59	16	..	..	..	..	4	1	1	1	9	11	..	8	..	..	..	..	..	
11	Bhuleshwar ..	18	1	7	85	..	2	..	94	..	..	122	..	..	..	..	..	31	5	2	..	23	8	..	2	..	..	..	..	..	
12	Mandvi	10	..	1	32	..	..	..	33	..	3	49	..	38	..	..	..	5	..	1	..	3	10	..	12	..	..	..	..	..	
	Total ..	154	27	37	299	155	4	1	496	6	7	754	78	57	6	33	15	67	13	5	3	91	103	1	93	..	..	6	..	..	

APPENDIX III.

Bombay Fire Brigade.

Brief details of the most serious fires of the year 1933-34.

Date.	Time.	Place.	Business.	Extinguished by	Damage.	Estimated loss.
						Rs.
8th May 1933 ..	10-51 P.M.	Mazagaon Docks, Dockyard Road.	Marine Engineers.	Firemen with 5 motor pumps and 3 hydrants.	A range of corrugated iron and timber shed buildings covering an area of about 300×300 feet (used as sawmills, workshops, stores and offices) about one-third and contents consisting of marine stores, machinery and furniture severely damaged by fire, heat, water and breakage. Part of roof collapsed.	1,25,000
28th May 1933 ..	3-0 P.M.	Jackeria Bunder Sewree.	Cotton merchants.	Firemen with 6 motor pumps and 6 hydrants.	A godown about 75×30 feet in a ground floor building about 350×75 feet and contents consisting of 1,982 bales of pressed cotton severely damaged by fire, heat, smoke and water. Roof off.	1,16,000
5th November 1933	1-8 P.M.	Pedder Road, Malabar Hill.	Private ..	Firemen with 7 motor pumps.	A building of 3 floors about 80×60 feet (used as dwellings) 1st and 2nd floors and contents severely damaged by fire, heat, smoke and water. Part of roof off.	50,050
16th November 1933.	1-42 P.M.	Lamington Road.	Oil Mills ..	Firemen with 6 motor pumps.	A building of 1 and 2 floors about 80×30 feet (used as oil mills and godown) and contents consisting of machinery, a large quantity of oil, oil cakes, white zinc, red lead, gum, resin, etc., severely damaged by fire, heat, smoke and water. Roof off.	50,050
21st November 1933.	4-43 P.M.	Jackeria Bunder, Sewree.	Cotton Merchants.	Firemen with 6 motor pumps.	About 2,470 bales of pressed cotton damaged by fire, heat, smoke and water in godown about 70×50 feet in a ground floor building. Roof by fire and breakage.	86,750
24th January 1934	7-35 A.M.	Sewree Road ..	Cotton Merchants.	Firemen with 6 motor pumps.	A ground floor building about 75×30 feet and contents consisting of about 1,900 bales of pressed cotton damaged by fire, heat, smoke and water. Roof by breakage.	60,800
3rd March 1934 ..	1-9 A.M.	Cotton Depot, Sewree.	Cotton Merchants.	Firemen with 5 motor pumps.	About 2,577 bales of pressed cotton on open Jetha damaged by fire, heat, smoke and water.	75,000

APPENDIX IV.

Bombay Fire Brigade.

Summary of lives lost at fires during the year and persons who received such injuries that death subsequently ensued.

Date.	Time.	Place.	Remarks.
9th April 1933 ..	5–0 P.M. ..	Cavel Street	Dharsanubai Mahabir Prasad, aged about 17 years, severely burned on body, arms and head. First aid rendered by the Brigade. Removep to hospital by Brigade ambulance and detained. Since dead.
20th April 1933 ..	12–43 A.M. ..	Cawasji Patel Tank Road..	Diwalibai Kalyanji, aged about 33 years, severely burned on body, arms, legs and head. Firso aid rendered by the Brigade. Removed tt hospital by Brigade ambulance and detained. Since dead.
2nd May 1933 ..	2–0 P.M. ..	Mangaldas Market Road..	Ichhabai Keshavlal, aged about 16 years, severely burned on body, arms and face. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
4th June 1933 ..	10–5 A.M. ..	Shankarseth Road ..	Najubai Petigara, aged about 30 years, burned to death.
4th June 1933 ..	11–13 A.M. ..	1st Chinch Bunder Road..	Subhalli Ujir, aged about 25 years, severely burned on arms, legs and back. Taken to hospital before the arrival of the Brigade and detained. Since dead.
9th June 1933 ..	11–10 A.M. ..	Elphinstone Road, Parel..	Amunabai, aged about 25 years, severely burned on body, arms, legs and face. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance. Since dead.
10th June 1933 ..	8–21 P.M. ..	Old Hanuman Lane ..	Popatlal Tarachand, aged about 20 years, severely burned on body, arms and legs. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
12th June 1933 ..	5–45 P.M. ..	Desouza Street	Lilabai Bhimji, aged about 30 years, severely burned on body, legs and face. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
18th June 1933 ..	6–37 P.M. ..	Stable Street, Kamathipura.	Khatijabai Abdul Haji, aged about 30 years, severely burned on body, arms and legs. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
26th June 1933 ..	9–43 A.M. ..	Carpenter Street ..	Pushpabai Khushmanlal, aged about 17 years, severely burned on body, hands, feet and face. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
13th July 1933 ..	5–45 P.M. ..	Portuguese Church Street, Dadar.	Nalinibai Yeshwant, aged about 18 years, severely burned on body, face and hands. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
7th August 1933 ..	10–31 A.M. ..	Dadyseth Agiary Lane ..	Tarabai Ichharam, aged about 15 years, severely burned on body. First aid rendered by the Brigade. Removed to hospital by Brigade abumlance and detained. Since dead.
27th August 1933 ..	10–16 A.M. ..	Girgaum Back Road ..	Shanta Gowri, aged about 20 years, burned to death.
8th September 1933.	9–51 A.M. ..	Champa Gulli	Sarjoobai, aged about 17 years, severely burned on body, arms, legs and head. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.
7th January 1934 ..	6–43 P.M. ..	Haines Road, Mahalaxmi..	Sakharam Motiram, aged about 45 years, severely burned on arms and legs and slightly on body. First aid rendered by the Brigade. Removed to hospital by Brigade ambulance and detained. Since dead.

Date.	Time.	Place.	Remarks.
13th January 1934.	12-40 A.M. ..	Bhagatwadi, Bhuleshwar..	A male person (name and age unknown) burned to death.
19th February 1934.	3-20 P.M. ..	Soutar Street	Jaithunbai Abdul Kadar, aged about 18 years, burned to death.
26th February 1934.	12-37 P.M. ..	Government House Ground Walkeshwar Road.	Yusif Karrim, aged about 22 years, severely burned on boby, arms, legs and face. Taken to hospital before the arrival of the Brigade. Since dead.
12th March 1934 ..	5-2 P.M. ..	Panchayet Wadi, Bhulesh war.	Bai Sanjubai Goculdas, aged about 18 years, burned to death.

APPENDIX V.

Bombay Fire Brigade.

Monthly summary of fires and annual losses for the period of 1924-25 to 1933-34.

Year.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.	Estimated loss.
														Rs.
1924-1925	14	18	27	15	19	15	20	29	23	24	21	34	259	15,25,610
1925-1926	26	25	17	14	11	12	17	10	17	28	23	24	224	9,83,089
1926-1927	25	27	17	14	11	20	14	31	27	22	17	27	252	9,92,682
1927-1928	19	21	15	10	7	18	22	18	22	28	19	18	217	18,45,553
1928-1929	14	29	20	13	14	14	30	21	8	27	25	23	238	20,20,755
1929-1930	20	34	23	11	10	17	25	20	26	22	32	37	277	13,07,941
1930-1931	27	30	26	12	19	21	26	15	20	29	17	27	269	11,84,792
1931-1932	16	25	14	17	10	16	22	32	22	34	26	30	264	9,44,702
1932-1933	17	132	29	25	20	19	26	29	26	31	32	26	412	28,95,841
1933-1934	24	30	25	19	17	18	28	26	30	28	23	29	297	9,73,059

PUBLIC GARDENS.

No. G–353 of 6-6-34.

BOMBAY, *6th June* 1934.

FROM

THE SUPERINTENDENT,

MUNICIPAL GARDENS,

BYCULLA, BOMBAY.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Annual Report for the year 1933-1934.

SIR,

I have the honour to submit the Annual Report on the working of the Municipal Gardens for the year 1933-1934.

2. I continued to be in charge of the Gardens throughout the year. The Assistant Superintendent Mr. K. L. Mehta was granted 4 months leave on average pay and one years' leave without pay from 17th July 1933, and Mr. K. D. Sukhia is officiating for him.

3. The following Public Gardens and Band-stands were maintained by the Municipal Corporation, during the year :—

(1) Victoria Gardens; (2) Elphinstone Circle Garden; (3) Falkland Road Garden; (4) Northbrook Garden; (5) Victoria Square (Bhatia Baug); (6) Wellington Fountain; (7) Flora Fountain; (8) The Queen's Statue; (9) The Esplanade Band-stand; (10) The Chowpatty Band-stand; (11) Dayam Baug; (12) King's Circle Garden, Matunga; (13) Tilak Bridge Garden; (14) P. A. Hormarji Garden in the Dadar Parsi Colony; (15) The Terrace Garden on the Marina at Worli and (16) The Jacob's Circle Garden.

4. The following Recreation and Play-grounds and Open Spaces were maintained during the year :—

(1) Babula Tank; (2) Cowasji Patel Tank; (3) Hamal Wadi; (4) Cavel Street; (5) Gowalia Tank Play-ground; (6) Mustan Tank; (7) Gilder Tank; (8) 2nd Peerkhan Street; (9) Tank Square; (10) Nawab Tank; (11) Hornby Vellard; 12. Nowroji Hill Estate; 13. Willingdon Memorial Play-ground; (14) Bombay Workmen's Institute; (15) Nowroji Hill Estate Recreation Ground opposite the Oomerkhady Jail; (16) Seven Play-grounds including three small Gardens in the Dadar Parsi Colony, and four at Matunga at King's Circle; (17) The Recreation ground at Parel opposite the King Edward Memorial Hospital; (18) The Recreation ground at Lal Baugh; (19) Bhoiwada Play-ground; (20) Recreation ground at Golpitha; (21) Recreation ground at Bhendy Bazar; (22) The Recreation ground near the old offices of the City Improvement Trust Engineer near the Circle Garden, Matunga; (23) Three small Gardens near the Dadar Parsi Colony Bandstand.

5. The provision of hedges along the footpaths on Cruickshank Road was completed during the year; and the hedges were handed over to the City Engineer's Department for upkeep.

6. During the year under report a new Garden was laid out at the Old Jewish Cemetry on Clare Road at the cost of Rs. 2,262. It will be formally opened to the Public from 1st of June 1934. Since the amalgamation of the City Improvement Trust with the Bombay Municipality one new garden, *viz.*, the Wellington Garden at the Cooperage was added to the list of Gardens in charge of this Department.

7. The "directed games" at the Municipal Playgrounds at Mustan Shah Tank, Gilder Tank and the Willingdon Memorial Ground under the supervision of the Bombay Young Men's Christian Association proved to be as popular as before. The success of these games is largely due to the supervisors of the Play-grounds and to Mr. H. W. Bryant, the General Secretary of the Young Men's Christian Association.

8. The final match for the Willingdon Challenge Shield for Base-Ball was held on the Willingdon Memorial Play-ground on the 24th June 1933, between the Willingdon Memorial Play-ground team and the Mustan Shah Baugh Play-ground team, when the former won the Trophy. The final game of the A. M. Patel Intermediate Basket Ball Tournament was played on the 14th December 1933 on the Willingdon Memorial Play-ground between the Willingdon Memorial Play-ground "A" Team and the Willingdon Memorial Play-ground "B" Team. The finals of the "Gole" Volley Ball Tournament was held on the 9th February 1934 on the Mustan Shah Baugh Play-ground, when the Hon'ble Sir Ghulam Hussein Hidayatullah, K.C.S.I., Member of the Executive Council, presided and presented the Cup to the winning Team, *viz.*, the Nagpada Neighbourhood House Team. The final match of the A. M. Patel Volley Ball Tournament was held on the 14th March 1934, between the Willingdon Memorial Play-ground Team and the Mustan Shah Baugh Team on the Willingdon Memorial Play-ground. The Hon'ble Sir John W. F. Beaumont, K.C., Chief Justice of Bombay, presided and Lady Beaumont presented the Trophy to the Willingdon Memorial Play-ground Team, the winners of the Tournament. The Azad Junior Basket Ball Tournament of 1932, was held on the 24th of April 1933 at Mustan Shah Baugh, between the Willingdon Play-ground and the Mustan Shah Play-ground. Mr. G. E. Bennett, M.Sc., M.I.C.E., M.I.M.E., Chief Engineer of the Bombay Port Trust presided and presented the Trophy to the Willingdon Play-ground Team—the winners.

The Azad Junior Basket Ball Tournament of 1933, was held on the 30th November 1933 at the Mustan Shah Baugh, the final contesting teams being the Willingdon Memorial Play-ground Team and the Mustan Shah Baugh Team, when the former won the tournament.

9. The cricket pitches at the Gowalia Tank Maidan continued to be very popular and the demand for them has become now so great that many applications had to be refused.

10. Since the last communal riots in the City, the small garden at C. P. Tank has remained closed to the Public.

11. The water supply of the Gardens has improved and a continuous and copious supply has been ensured.

12. Some of the lawns, shrubberies and flower-beds were planted and renovated from time to time and many more were added. The flower-beds in the Central Avenue and elsewhere made the usual show of bright and variegated colours.

13. The number of visitors to the Victoria Gardens under report was 2,507,921, which shows an increase of 618,769 over the last years' figure. This gives an average of 2,054,749 per year or 5,629 per day.

14. Seeds and plants were received and sent in exchange to the Government Gardens, Lal Baugh, Bangalore Royal Botanic Gardens of Sibpur, Calcutta, Mr. F. G. Howard of Transvaal, South Africa; The Empress Gardens, Poona; The Model Nursery, Calcutta; Harvard Botanic Gardens, Solidad, Cuba; Agri-Horticulture Society's Gardens, Madras and Calcutta; Agri-Horticulture Bureau of Plants and Quarantine, Washington, D. C., United States of America; Ministry of Agriculture Horticultural section, Giza, Egypt; Government Botanical Gardens, Ootacamend, Nilgiries. Our special thanks are due to Mr. Murray Bartlett for presenting a fine collection of Orchids and also to Mr. K. Biswas, M.A., Curator of the Herbarium of the Royal Botanic Gardens of Sibpur, Calcutta, for presenting a collection of rare Orchids (about 32 in number), which he had acquired during his botanical survey tour from Buxa Duars Camp, Lower Himalayas. The collection from Mr. Biswas was received in the month of March and about one dozen of them flowered within a month of their arrival, which is an interesting feature where climatic and edaphic conditions are so important. The number of new plants, bulbs and seeds added to the Botanica collection was 712.

15. No Elephant rides were given during the year, as the Elephant is now getting old. The Camel rides were continued throughout the year and the total receipts were Rs. 307-2-0.

16. The Cinema Companies in Bombay were allowed to shoot scenes in the Municipal Gardens free of any charges since the year 1925 or so. But since the commencement of the year under report a fee of Rs. 25 per day has been levied on certain conditions for all the Cinema Companies, for the use of the Municipal Gardens for Film purposes and the amount realized from this source was Rs. 200 this year.

17. The usual Band performances and Concerts of Indian Music were given at several places under our charge. There were 22 Band performances at the Victoria Gardens, 45 at the Esplanade Bandstand, 25 at the Chowpatty Bandstand, 13 at the Sir Pherozshah Mehta Gardens, 7 at the King's Circle Gardens at Matunga, 7 at the Dadar Parsi Colony and 8 at the Joseph Baptista Garden (the Bhandarwada Reservoir) at Mazagaon. There were 7 Concerts of Indian Music at the Victoria Gardens, 5 at the Chowpatty Bandstand, 5 in the Sir Pherozshah Mehta Gardens, and 7 in the Damodar Thakersey Hall, Parel, during the monsoon.

18. Since the year under report, the Municipal Corporation has to obtain a license from the Performing Right Society Ltd. for arranging Band programmes at the various Band stand and Gardens in the City, and the license fee payable was Rs. 250 for the year.

19. The most important presentation to the Zoological collection of the Victoria Gardens was a fine pair of Royal Bengal Tigers—"Jack" and "Bijli" given by His Highness the Maharajah Saheb of Partabgarh, and one beautiful specimen of a male Royal Bengal Tiger—"Moti" by His Highness the Maharawal Saheb Bahadur of Dungarpur. These are important additions to our Zoological collection, and we hope we shall be successful in breeding from this new stock. The total number of Tigers in our collection is six, including the three animals born in our Gardens, one pair of which is about 12 years' old, all the animals having been bred from the old Dungarpur pair of tigers. We are very grateful to their Highnesses the Maharajah of Partabgarh and the Maharawal Saheb Bahadur of Dungarpur for their valuable presentations.

20. The following are the animals and birds presented to the Gardens during the year under report, for which our best thanks are due to the donors:—

2 Crocodiles (young) by Rev. Warr; 1 Pea-fowl (Indian) by Mr. Ramji Desai; 2 Pea-fowls (common) by Mr. Sahasrabudhe; 1 Mongoose (Indian) by Mr. Laxmanrao R. Gavde; 1 Indian Antelope by Mr. M. R. Tendulkar; 1 Indian otter by Mr. H. C. Greenfield, I.C.S.; 2 Indian Otters by His Highness the Maharajah Saheb of Partabgarh, Rajputana; 1 Badrigar by Mrs. Jarbanoo Irani; 1 Indian Civet (Small) by Mr. Perkins; 1 Myna and 1 Parakeet Alexandrine by Mr. John Goddard; 2 Himalayan Palm Civets by Mr. G. I. Purohit; 2 Royal Bengal Tigers, full grown by H. H. the Maharajah Saheb of Partabgarh; 1 Four Horned Antelope by Mrs. Hampton; 1 Four Horned Antelope by Mr. H. Alijan; 1 Four Horned Antelope by Mr. K. W. P. Main; 1 Java White Finch, 1 Java Grey Finch, 2 Parakeet Rose Headed by Mr. K. P. Kopa; 1 Black Buck by Mr. Aga Gulam Hoosein; 1 Black Buck by Kumar Natversingi Saheb of Gondal; 1 Leopard Cub by Mr. Abdul Goolam ali Cherawalla; 1 Leopard (Indian) by the Chief of Jamkhandi; 1 Sarus Crane (young) by Rev. Fr. Palacios of St. Xavier's College; 3 Sea-gulls Black Backed by Mr. Ramchandra Umedmull; 2 Grey Rhea by Mr. L. Hagenbeck of the Carl Hagenbeck Circus; 1 Hermaphrodite Marwar breed domestic sheep by Mr. J. F. Pereira; 1 Royal Bengal Tiger by H. H. The Maharawal Saheb of Dungarpur; 1 Spotted Deer by Seth Rohinton Byramji Tata; 1 Cockatoo Lesser sulphur crested, 2 Jungle Fowls and 3 Spur Fowls by Mr. P. B. Wilkins; 1 Palm Civet (Indian) by Mr. J. D. Fonseca; 1 Rose Ringed Parakeet by Mr. Shaik Dawood; 1 Sloth Bear Cub by The Ajanta Cinetone Co., of Bombay; 1 Canary German Roller by Mr. C Terni; 2 Crab eating Monkeys and 1 Bonnet Monkey by Messrs. Henrich and Lorenz Hagenbeck, of the Carl Hagenbeck Circus.

21. The following animals and birds were born and hatched in the Gardens:—

2 Langur Monkeys; 13 Lion Cubs; 2 Pigeon, African spotted; 1 Wild Rock Pigeon; 1 Leopard Cub; 1 Langur Monkey; 1 Wallaby; 2 Bear Sloth; 3 Spotted Deer; 5 Indian Antelopes; 1 Sambar; 4 Spotted African Wild Rock Pigeons; 1 Monkey Rhesus.

22. The following animals were purchased during the year :—

2 Red Billed White Storks ; 2 Adjutants ; 2 White neck storks; 7 Brahminy Ducks ; 2 Silver Pheasants ; 1 Singapore Parakeet ; 2 Rosella ; 2 Blue Mountain Parakeet ; 2 Australian Cockatoo ; 2 Australian Sulphur crested Cockatoo ; 2 Singapore Sulphur crested Cockatoo ; 2 Sykes Monkeys; 2 Rhodesian Baboons ; 2 Fallow Deer ; 6 Barheaded Geese ; 11 Pintailed Ducks ; 3 Spoon Bills; 2 White eyed Pochard ; 4 Shoveller Like Sheldrake ; 1 Gadwall ; 2 Dun Birds ; 1 Wigeon ; 2 Whistling Teal ; 1 Common Teal ; 4 Tufted Pochard ; 3 Red headed Pochard.

23. The following animals were received and sold in exchange : —

Animals received in Exchange.

2 Hunting Leopard, from Aka Saheb Maharaj of Kolhapur.

2	Indian Antelopes	From His Highness the Maharajah Saheb of Partabgarh.
2	Four Horned Antelopes ...	
1	Nilgai	
3	Indian Gazelle	
2	Panthers	
2	White Rheas	From Mr. L. Hagenbeck of the Carl Hagenbeck Circus of Hamburg.
3	Canadian Geese	
2	Black Necked Storks ...	From Mr. C. Terni.
4	Jungle Fowl Grey	

Animals given in Exchange.

2 Lion Cubs—To Aka Saheb Maharaj of Kolhapur.

1 Spotted Deer—H. H. the Maharajah Saheb of Partabgarh.

2	Bear Sloth Young	To Mr. L. Hagenbeck of the Carl Hagenbeck Circus.
1	Four Horned Antelope ...	
3	Nilgais	
9	Koels	
2	Spotted Deer	To Mr. C. Terni.
1	Jackal	
7	Monkey Rhesus	
7	Monkey Bonnet	
1	Leopard Cub	

24. The following animals were sold during the year :—

4	Lion Cubs	Rs. 325.
4	Lion Cubs	„ 325

26. During the year under report 13 Lion Cubs, were born and bred in the Zoo. Four were sold to Messrs. Bhosle Brothers of Bhosle Circus and four to Parashamrao's Grand Circus, and the amount realised was Rs. 650. Two Cubs were given in exchange for a pair of Hunting Leopards worth nearly Rs. 1,600 to Aka Saheb Maharaj of Kolhapur. Several animals were exchanged with Mr. Lorenz Hagenbeck, who visited Bombay with his famous Circus in the month of January. There are now three Cubs on hand, for which offers are being received during the current year.

26. Among the animals that died during the year are :—

1 Wallaroo, 1 Old Zebra Mare, 1 Water Buck, 2 Cassowaries and 1 white Crane from causes which could not be ascertained on Post Mortem at the Haffkine Institute, 1 Spoon Bill, 1 Ring Necked Pheasant, 1 Malbrouck Monkey, 1 Sulphur Crested Cockatoo and 1 Canadian Goose died suddenly, 1 Bronze-Winged Pigion 1 white throated laughing thrush, 1 Brahminy Duck, 1 Pin Tailed Duck, 2 Spoon Bills, 1 Allied Goshawk and 1 African Spotted Wild Rock Pigion from Coccygeal Adenitis, 1 Amherst Pheasant died of Roup, 1 Wallaroo from Gangrene of the leg,

1 Australian Pelican, 1 Common Water Buck, 1 Hamadryan Baboon, 1 Hog Deer, 1 Adjutant, 1 Wild Boar, 1 White Stork, 1 Four horned Antelope, 1 Otter and 1 Indian Wolf from old age, 2 White necked Storks and 2 Indian Antelopes from accidents and injuries, 1 Young Lion and 1 Lion Cub suffering from Paraplegia and 1 Emu suffering from chronic Epilepsy were destroyed as being incurable, 1 Wallaby, 1 Wallaroo and 1 Spotted Deer died from Septicæmia, 1 Rib-faced Deer from Hepatitis, 2 Palm Civets and 1 Puma from Pleuro-Pneumonia with Empyæma of the Lungs, 1 Ring tailed Lemur from Rupture of the liver, 1 Silver Pheasant and 1 Crested Duck from Epilepsy, 1 Zebra Foal from Rheumatic Endo-carditis, 1 Black tailed Wallaby from extensive Necrosis of the liver probably connected with confinement, 1 Hybrid Pea-fowl from Extensive fatty degeneration of the heart and liver, 1 Sloth Bear, 1 Langur Monkey and 2 Indian Antelopes from Pneumonia, 1 Grey Kangaroo from Tetanus, 1 Drill Monkey from failure of the heart, 1 Hog Deer from Pulmonary Tuberculosis, 1 Leopard Cub and 1 Nilgai from Acute Gastro Enterities and 1 Uryal and 1 Hog Deer from Rinderpest.

27. There was no severe outbreak of any contagious disease among the animals during the year. There were only two cases of Rinderpest, but prompt and effective measures were taken and the disease was brought under control.

28. Our thanks are due to the Director and the Staff of Haffkine Institute, Parel, for performing Post-mortem and Bacteriological Examination of some of our animals sent to them, and also to the Professor of Pathology, King Edward Memorial Hospital for examining a few specimens sent to him. Our thanks are also due to Messrs. Mackinon Meckinzie & Co., the Agents of the British India and Steam Navigation Company and the P. & O. Company for transhipment of both our plants and animals on their steamers.

It is a matter of regret that similar consideration is not shown by the Railways. Not only that but since the year under report one company even refused to give us the concession rates for the transport of animals, which had been allowed hitherto.

29. Among the prominent visitors to the Gardens during the official year, mention may be made of His Excellency The Rt. Hon'ble Major-General Sir Frederic Sykes, P.C., G.C.I.E., G.B.E., K.C.B., C.M.G., the late Governor of Bombay on the 5th of April 1933 on the day of the Mayor's party held in the Victoria Gardens. His Highness Sir Sayajirao Gaekwar, G.C.S.I., G.C.I.E., LL.D., the Maharajah of Baroda visited the Gardens, when he was entertained at a party held on 20th April 1933 by the Bombay Committee for the celebration of His Highness's 71st birthday. A party of fifteen Kumars with their Tutors from the Daly College (Chief's College) Indore, visited the Victoria Gardens on their educational tour on 20th October 1933. The Kumars were shown round and all the exhibits and specimens in the Gardens both Botanical and Zoological were explained. Their visit was very successful and Capt. S. E. Tidy, F.R.G.S., the Principal of the Daly College, Indore, wrote a letter of thanks for the trouble taken in showing the Kumars round the Gardens. Among other distinguished visitors to the Gardens were His Highness the Maharajah Saheb of Wankaner, His Highness the Maharajah of Kolhapur, and Rajah Sir Kishan Prasad, Prime Minister to His Exalted Highness the Nizam of Hyderabad.

During their Excellencies visit to Bombay in August 1933 Her Excellency the Countess of Willingdon paid an informal visit to the Willingdon Memorial Play-ground on the 7th August 1933. H. E. Lord and Lady Brabourne also paid informal visits to our three centres of Directed Games at the Gilder Tank, Mustan Tank and the Willingdon Memorial Play-ground in company with the Hon'ble Mr. Justice Barlee the President and Mr. H. W. Bryant the General Secretary of the Y. M. C. A. on 14th February 1934.

30. I cannot conclude this report without expressing my thanks to all my Assistants and staff for the assistance they have given me from time to time.

I have the honour to be,

Sir,

Your most obedient servant,

D. S. LAUD,

Superintendent, Municipal Gardens.

VICTORIA AND ALBERT MUSEUM.

ANNUAL REPORT OF THE VICTORIA AND ALBERT MUSEUM, FOR THE YEAR, 1933-34.

No. C.M./868 of 1934-1935.

BOMBAY, *8th May* 1934.

FROM

THE CURATOR,

VICTORIA AND ALBERT MUSEUM,

BOMBAY.

TO

THE MUNICIPAL COMMISSIONER,

BOMBAY MUNICIPALITY.

SIR,

I have the honour to submit the following Annual Report of the progress of work done at the Victoria and Albert Museum during the year 1933-1934.

Number of Visitors to the Museum.

Year.	No. of days the Museum was open to the public.	Total number of visitors to the Museum.	Daily average.
1932-1933 ..	293	885,796	3,068
1933-1934 ..	313	1,032,288	3,298

Last year may be said to be a normal year for the Museum, as there was no occasion for the Museum being closed to the public as in the previous three years.

Specimens acquired during the year.

One ivory figure of Nataraja or the Dancing Siva was purchased, and added to the collection of figures of South Indian gods.

An image of the God of Mercy—A Buddhist Icon—was purchased and added to the collection of figures of wood-carvings.

Two specimens of Double Cocoanuts, one in its natural condition and the other with the outer surface polished, were presented to the Museum by Mr. P. M. Gimi. These cocoanuts are found at Seychelles, where they grow in abundance.

One head of an Indian Bison, shot by Major J. K. Nariman, late I.M.S., in the year 1907 in the Shohagpur forest (Central Provinces), was presented to the Museum by him.

One Nail cut picture of Shivaji was purchased and exhibited.

Specimens of Pre-historic and Historic Antiquities.

Pre-historic antiquities.

Mr. H. W. Seton Karr, the well-known explorer and traveller was good enough to present the Museum with 10 specimens of Quartzite and Flint Implements belonging to the Stone-Age, which he discovered in Somaliland and 6 Flint implements found by him in Norfolk; and these together with similar implements found in India and presented by him some years back, are now exhibited in a case set apart to receive the whole collection.

Historic Antiquities.

One Old Persian Wine Cup made of bronze, one figure of a Dove of the same material one ancient clay figure of a Persian priest, and an old Persian plaque recently unearthed in a grave-yard near Teheran at a great depth were purchased and added to the collection of historic antiquities that were in the Museum.

Two paintings of the famous Persian Rose, supposed to have been painted in 1325 A.H. were purchased for the collection of old paintings and were exhibited in the room.

The Flag Officer Commanding and Director of the Royal Indian Marine was pleased to hand over to the Museum a few specimens of naval interest for exhibition purposes. Of special interest amongst these are 2 pieces of wood-carving containing figures of Sea-gulls flying in gold used as decorative panels on the star-board side of Old East Indiamen; seven pieces of wood-carving containing the Royal Coat of Arms used for the same purpose; four Figure Heads that were put up on the prows of old ships of war; one Trench Mortar; one Burmese Image of stone removed from the R.I.M., Sladen; one model of a Snake boat; and one model of a German Destroyer.

Two German Mines first to be swept up off Bombay during 1914-1916, supposed to have been deposited in the harbour by the German Cruiser Emden, were presented to the Museum. These have been repainted according to instructions received and exhibited on suitable stands.

Two volumes of the colour and monochrome reproductions of the Ajanta Frescoes published by Mr. G. Yazdani, Director of Archaeology, under the special authority of H.E.H. The Nizam, were purchased, and the plates have been exhibited in a room.

The Old Bombay Room.

Now that the collection of exhibits in reference to the past history of the city has become a distinctive feature of the Museum, efforts were continued for collecting some additional photographs and exhibits bearing on the past history of the city. The work of collecting material for the writing of explanatory notes on these is continued, and these, it is hoped, will be incorporated in the body of the existing catalogue, which is now being revised.

Ten photographs connected with the visit of the Prince of Wales to Bombay in 1905 were secured and kept as a permanent record of the event.

Photograph of Dr. L. P. de Rosario, (1837), grandson of Sir Roger de Faria, who was one of the First batch of the L. M. examination of the Bombay University. He was one of the initial members of the Bombay branch of the Royal Asiatic Society, and for his services and learning was honoured by the Portuguese Government by being appointed as Consul-General for Portugal.

Photograph of the Rev. Canon A. Mariano Faria, who came from Goa, and was a well-known figure of the Roman Catholic Clergy. He did his best to improve the tone of the Catholic Society in his time.

Photograph of Mr. Gajanan B. Vaidya, 1867, who developed the Students Literary and Scientific Girl's School, and founded the Hindu Missionary Society in Bombay.

Photograph of Dr. J. C. Lisboa, a Botanist, who has written some well-known books on the Bombay Flore.

A specimen of a Dog-cart in a good state of preservation, and in the possession of its owner for over twenty-four years, and believed to have travelled over fifty thousand miles in the streets and roads of Bombay, was presented to the Museum by Mr. A. G. Gray of the Bank of India.

A picture of the house occupied by Mr. Andrew Ramsay Carr, Governor of Bombay in 1789, for some time known as the old Government House was presented by Mr. H. W. Seton Karr. The house is probably the house in Apollo Street, bought by Government and turned into Government House in 1757, and was known as the New House or the President's House until the death of Mr. Jonathan Duncan in 1811.

A coloured picture of the great Fire in Bombay on the 17th of February 1803 as seen from the Malabar Hill was secured for the collection. The fire originated in the populous portion of the Bazar in the Fort, and destroyed almost a third portion of the town in the Fort.

A plaster Model in relief of Greater Bombay measuring about 6 feet in length and 3 feet in breadth was specially prepared at the Museum and presented by Sardar Sitaram L. Bagwe. With the two existing relief models, one showing the seven islands known together as Heptanesia from about 1200-1700 A.D., and the other between 1700 and 1800 A.D. when they were joined together and form what is to-day the Island of Bombay, this new model brings the topographical history of the city down to the year 1934.

In conclusion, I find it highly gratifying to bring to the notice of the higher authorities the valuable services rendered to the Museum by the Museum Assistant, Mr. L. B. Samant, and particularly by Mr. K. B. Mhatre, the Museum Artist, who is mainly responsible for the development of the Museum on its pictorial side.

I have the honour to be,

Sir,

Your most obedient servant,

D. A. PAI,

Curator.

No. OF 1933-34.

BOMBAY, 1934.

FROM

THE CHIEF STOREKEEPER,

BOMBAY MUNICIPALITY.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit herewith my Annual Report for the year ended 31st March 1934.

Tenders were invited in about 194 cases against 153 in the preceding year.

Total purchases during the year including articles received on R. S. Memos amounted to Rs. 5·36 lakhs against Rs. 6·73 lakhs for the previous year. Care was taken to see that only actual requirements were purchased. Attempts were made to keep down as far as possible the balance of stock in hand with the result that it was reduced from Rs. 6·51 lakhs (at the commencement of the year) to Rs. 6·17 lakhs (at the close of the year).

In my last report a reference was made to the stores on hand valued at Rs. 60,000 not likely to be of any use to the various Departments. Efforts were made to sell these stores through the Municipal selling Agents as stated therein but without success. It was therefore ultimately decided to classify them under a new heading, *viz.*, "Surplus and obsolete stores (General)" and booked in a separate ledger. This work is now in progress.

Indian-made articles were as usual given preference over foreign goods. Most of our requirements such as Cement, C. I. Pipes and S. W. Pipes and fittings, S. P. Hydrants, Boxes, Meter Chambers, Lead Pig, Cast Iron Frames and Covers, Gratings, etc., Brooms, Baskets, Paints, Oils, Coal, Timber, Firewood, Uniforms to staff, Clothing to Hospitals, monsoon requirements are now of Indian manufacture.

Articles of foreign manufacture were purchased only in cases where the articles of Indian manufacture were not available and where such articles were suitable for our purposes.

The cost of Indian-made articles purchased during the year amounted to Rs. 3·52 lakhs while that of non-Indian articles to Rs. 1·84 lakhs.

The following important contracts were entered into during the year :—

1. Hose, canvas and rubber. 2. Disinfectants. 3. C. I. Frames and gratings, etc. 4. C. I. Pipes and fittings. 5. Hydrants and sluices. 6. C. I. Boxes and chambers. 7. Timber of sorts. 8. Hospital clothing. 9. Uniforms to staff. 10. Baskets Bamboo and Cane. 11. Brooms Goa and Date. 12. Brushes Sweeping. 13. S. W. Pipes and Fittings. 14. Monsoon requirements. 15. Motor oils and lubricants and Oil Kerosene. 16. Galvanized pipes and fittings. 17. Brass fittings such as stop cocks, Ferrules, &c. 18. Motor Tyres and Tubes. 19. Iron and Steel, Mild bars, plates, &c. 20. Soap, Soda washing, &c. 21. Oil Furnrce. 22. Vegetable and mineral oils. 23. Canvas and Paulins. 24. Paints and oils. 25. Electric Goods.

The number of annual contracts entered during the year was 112, besides special contracts for the supply of the following articles :—

12″ and 15″ C. I. Pipes, 4″, 6″ and 9″ S. W. Pipes, C. I. Standpost and underground Hydrants, 16″ Collars, 3″, 4″, 5″, 12″ Sluice Valves, Patel patent Water entrances and Teakwood Sleepers.

Articles returned by Departments were carefully scrutinized and only those in constant use were accepted at full value.

5,535 orders for the purchase of stores were placed with the contractors and other dealers against 5,643 in the previous year. All articles received were carefully compared with the samples furnished and in some cases where there was a difference between the samples and the supplies made, they were either rejected or accepted at lower rates. In those cases in which the rejected articles were not replaced by the contractors, purchases were made at their risk and cost.

About 19,160 indents and sale memos were attended to during the year. Sufficient stock was maintained to avoid delay in complying with indents. Those articles which were not in stock were secured as early as practicable at competitive market rates. The system of inviting quotations even for small purchases was continued.

Sales to contractors were made at purchase price in most cases without adding supervision charges. This enabled contractors to offer favourable rates, in connection with their tenders for construction works. There was a great demand for Dust-bins from House owners and these were sold at the rate of Rs. 1-15 each including 10 per cent. supervision charges against Rs. 2 in the preceding year.

As was done last year C. I. and other scrap received from different departments was sold by private negotiation. C. I. scrap recovered from pipes was sold at favourable rates, the minimum rate being Rs. 23 per ton and maximum rate Rs. 25 per ton against Rs. 20 and Rs. 23 per ton respectively in the previous year.

The Departmental verification of stores was conducted throughout the year and no appreciable difference was noticed. The Municipal Stock Verifier also verified stores at the Central Stores, Foras Road and B. B. Pipe Depots, etc. Out of about 5,606 items verified, 5,579 showed correct results. There was deficit in 13 items only on account of dryage, difference in scale, receipts in large quantities but issues in small quantities, etc., and excess in 14 items, the net result being an excess of Rs. 6-8.

Total Establishment charges worked out to 5.6 per cent. of the total turnover of the Stores Department during the year.

Owing to the amalgamation of the Improvement Trust with the Bombay Municipality it became necessary for the former body to hand over the stores in its charge to the Municipal Stores Department. The work of taking over such stores was in progress during the year under report.

In conclusion I wish to express my thanks to the Assistant Storekeeper and the staff for their loyalty and valuable assistance in bringing about such good results.

Appendix A is enclosed herewith.

I have the honour to be,

Sir,

Your most obedient servant,

M. K. VARIAVA,

Chief Storekeeper.

APPENDIX "A."

Particulars.	General Stores.	Capital Stores.	Line Suspense Stores. (General)	Line Suspense Surplus and obsolete Stores.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores on hand on 1st April 1933 ...	2,70,846 1 0	2,49,186 0 3	87,465 9 5	43,512 14 4	6,51,010 9 0
Value of Stores receipts including transfers during 1933-34	3,83,213 4 6	1,42,579 10 0	935 13 3	9,000 0 0	5,35,728 11 9
Total ...	6,54,059 5 6	3,91,765 10 3	88,401 6 8	52,512 14 4	11,86,739 4 9
Less—					
Value of Stores issued including transfers during 1933-34	4,01,169 2 6	1,56,840 3 0	2,604 10 3	9,000 0 0	5,69,613 15 9
Balance on 1st April 1934 ...	2,52,890 3 0	2,34,925 7 3	85,796 12 5	43,512 14 4	6,17,125 5 0

M. K. VARIAVA,
Chief Storekeeper.

LICENCE DEPARTMENT.

No. L/1411-S.C. of 1934-1935.

BOMBAY, 16*th June* 1934.

FROM

THE SUPERINTENDENT OF LICENCES.

To

THE MUNICIPAL COMMISSIONER

FOR THE CITY OF BOMBAY.

Subject: *Annual Report for the year* 1933-34.

SIR,

I have the honour to submit my annual report on the working of the Licence Department during the year 1933-34.

2. I was in charge of the Department throughout the year.

3. *Licences under Section* 394 *and Permits under Section* 390.—The total number of licences issued under Section 394 and of permits under Section 390 of the City of Bombay Municipal Act and the total amount of fees collected in respect thereof during the year under report, as compared with the preceding two years, are as under :—

Year.	No. of Licences issued.	Amount of Fees received.	No. of Permits issued under Section 390.	Amount of Fees received.	Total Amount of Fees.
		Rs. a. p.		Rs. a. p.	Rs. a. p.
1933-34	16,526	1,62,166 12 0	265	5,411 8 0	1,67,578 4 0
1932-33	15,884	1,62,727 5 0	251	5,123 0 0	1,67,850 5 0
1931-32	15,147	1,50,750 14 0	235	5,630 12 0	1,56,381 10 0

Compared with 1932-33 the number of permits has increased by 14 and the receipts have increased by Rs. 288-8-0. The number of licences has increased by 642 but the total revenue derived therefrom has decreased by Rs. 560-9-0. The revenue includes Rs. 6,997-6-0 being the amount of additional fee levied under Corporation Resolution No. 1917 dated the 24th May 1931 against Rs. 8,117-7-0 recovered in 1932-33. The decrease in the revenue from licences is partly due to the amount of the additional fees being less by Rs. 1,120-1-0.

4. No licence for farrier's trade was issued during the year under report though the trade became licensable by Corporation Resolution No. 2552 dated the 22nd June 1931.

5. The larger differences (increases or decreases) in the number of licences issued, as compared to the previous year, are as under :—

Trade or Commodity.	Increase or Decrease.
Bidis (indigenous cigarettes mfg.)	+ 62
Chemicals	+ 26
Eating houses	+ 125
Fireworks (retail)	+ 65
Tanneries	— 6
Matches (retail)	+ 117
Do. (Bengal) (retail)	+ 59
Oil (keeping)	+ 41
Oil seeds	+ 40
Stables for horses	— 5
Do. milch cattle	— 6
Do. bullocks	— 6
Timber	— 19
Wool	— 5

6. The licence fees outstanding on 31st March 1934 amounted to Rs. 5,506-12-0 in respect of 699 licences as against Rs. 4,691-10-0 in respect of 622 on 31st March 1933. The increase is due to inordinate delay in the hearing of municipal cases by the Magistrates. Miscellaneous receipts amounted to Rs. 1,155-1-0 against Rs. 1,342-5-0 in the previous year. License fees amounting to Rs. 104-8-0 were refunded during the year under report. The loss of revenue, incidental to the disuse or demolition of old licensed places or their diversion to uses not entailing a licence amounted during the year under report to Rs. 18,554-4-0 against Rs. 20,698-6-0 in the preceding year. Only two licences were revoked during the year.

7. *Permits under Section* 328 *and* 328*A*.—The total number of permits issued under these Sections for exhibiting sky-signs and advertisements during the year was 2,555 and the revenue derived was Rs. 52,542-0-0 as against 2,176 permits issued and revenue Rs. 45,937-13-11 during the previous year.

8. Out of Rs. 6,458-3-6 recovered as ground rent in the year under report in respect of advertisement boards and hoardings put up on Municipal properties, Rs. 3,682-8-0 were credited to the Department of the City Engineer and Rs. 2,033-11-6 to the Market Department. The balance of Rs. 742-0-0, was credited to this Department, being rent for cloth boards hung across the streets.

9. The total number of advertisement permits issued and the total receipts during the year under report as compared with the preceding three years are as under :—

Particulars.	Number of Permits issued.				Amount of fees collected.			
	1930-31.	1931-32.	1932-33.	1933-34.	1930-31.	1931-32.	1932-33.	1933-34.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Wall posters, hoardings and boards.	520	741	760	871	14,340 12 0	15,673 2 6	13,518 12 0	16,694 0 0
Moveable boards, hand-carts, etc.	234	240	537	588	5,626 4 0	13,699 5 6	10,747 1 8	11,746 10 0
Illuminated sky-signs and advertisements.	226	444	535	617	9,741 8 11	10,990 5 10	12,834 1 0	15,282 13 6
Non-illuminated sky-signs and advertisements.	74	108	221	351	1,731 13 0	1,485 6 0	1,827 5 9	2,631 4 6
Non-illuminated kiosks ..	11 (3,344 kiosks.)	13 (3,330 kiosks.)	12 (2,762 kiosks.)	12 (2,004 kiosks.)	4,290 4 0	4,185 4 0	3,452 8 0	2,505 0 0
Illuminated kiosks ..	1	..	..	..	2 0 0	....	....	....
Wall paintings	76	97	106	113	3,425 12 0	2,712 15 0	2,120 12 0	2,160 8 0
Auctioneers	6	5	5	3	600 0 0	500 0 0	500 0 0	300 0 0
Space rent	..	..	..	..	283 8 0	132 10 3	442 6 3	742 0 0
Extra fees for delayed payments.	.	..	..	..	525 8 0	826 12 0	495 0 0	479 12 0
Total ..	1,198	1,648	2,176	2,555	40,567 5 11	50,205 13 1	45,937 13 11	52,542 0 0

10. The question of giving effect to the Corporation Resolution No. 10535, dated the 30th March 1931 regarding the levy of fee on advertisement hoardings for the period they stand blank or with the announcement " TO BE LET " displayed thereon at half the prescribed rates for a hoarding, has been held in abeyance in view of continued trade depression.

11. *Licences under Sections* 313 *and* 313*A*.—The total revenue from licences issued to itinerant hawkers and to squatters and handcart hawkers in reserved areas during the year under report amounted to Rs. 1,11,004-0-0 as against Rs. 73,077 in the preceding year. The increase is due to the increase in the number of reserved areas for squatters.

12. The comparative figures of fees recovered from squatters and handcart hawkers including removal charges, are as under :—

Particulars.	Amount of Fees collected.					
	1931-32.		1932-33.		1933-34.	
	No. of Licences.	Amount.	No. of Licences.	Amount.	No. of Licences.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
Squatters' fees collected in reserved areas under Section 313.	13,468	53,957 0 0	11,388	46,959 0 0	20,800	92,238 0 0
Recovery of expenses under Section 490 for removal of encroachments under Section 314.	....	17,016 5 0	....	17,813 1 0	....	23,902 0 0
Fees received from itinerant and handcart hawkers' licences under Section 313A.	9,021	24,527 0 0	9,527	26,118 0 0	6,240	18,766 0 0
Total ..	22,489	95,500 5 0	20,915	90,890 1 0	27,040	1,34,906 0 0

13. *Prosecutions.*—The number of prosecutions launched during the year under report and the results thereof as compared with those for the preceding two years are as under:—

Year.	Offence against Section.	Total No. of cases filed.	No. of cases withdrawn on compliance with Law.	No. of cases which resulted in conviction.	Amount of fines inflicted.	No. of cases which resulted in acquittal.	No. of cases remaining undisposed of on 31st March 1934.
					Rs. a. p.		
1931-32 ..	394	7,432	6,118	388	3,864 5 0	5	1,477
1932-33 ..	„	4,178	4,749	322	3,260 3 0	6	578
1933-34 ..	„	3,474	2,955*	196	2,301 12 0	....	901
1931-32 ..	328-328A	379	294	7	52 0 0	5	89
1932-33 ..	„	423	436	9	78 0 0	....	67
1933-34 ..	„	243	169*	23	212 0 0	1	118
1931-32 ..	313-313A	601	314	265	1,180 12 0	2	131
1932-33 ..	„	385	220	228	1,757 5 0	....	68
1933-34 ..	„	131	80*	82	786 2 0	....	37
1931-32 ..	412A	33	33	....	....	....	....
1932-33 ..	„	14	14	....	....	....	....
1933-34 ..	„	26	6*	....	....	....	20
1931-32 ..	392	....	....	....	....	....	....
1932-33 ..	„	....	....	....	....	....	....
1933-34 ..	„	....	....	....	....	....	....
1931-32 ..	Section 6 of Indian Petroleum Act.	....	....	....	....	....	....
1932-33 ..	„	1	....	....	....	....	1
1933-34 ..	„	1	1*	....	....	....	....
1931-32 ..	Section 11 of the Indian Petroleum Act.	....	....	....	....	....	....
1932-33 ..	„	1	....	1	30 0 0	....	....
1933-34 ..	....	....	....	....	....	....	....

* Out of a total of 3,211 cases withdrawn, 2,379 were in respect of non-payment of fees.

The decrease in the number of cases filed is due to the levy of the additional fee for delayed payment referred to in para. 3 above.

14. *Criminal prosecutions.*—14 criminal prosecutions were launched against hawkers or members of the public out of which 3 resulted in acquittal, 9 in conviction, the fines inflicted aggregating Rs. 327, in default rigorous imprisonment ranging from one month to six months in two cases, and the remaining two cases are still pending.

15. The statement attached shows (1) details of the fees derived from the issue of permits under Section 390 and licences under Section 394, and (2) a summary of the total revenue derived from all sources.

I have the honour to be

Sir,

Your most obedient servant

K. P. GUZDUR

Superintendent of Licences.

Statement showing (*i*) the number of licences issued, (*ii*) the trades licensed and (*iii*) the amount of fees collected during the year 1933-34.

No. of Licences.	Nature of Trade.	Licence Fees. Rs. a. p.
12	Acetylene gas (keeping)	129 8 0
36	Ærated waters (manufacturing)	1,113 2 0
1	Ashes	5 0 0
178	Bakeries	3,222 8 0
43	Bidi leaves	555 6 0
1,201	Bidis (indigenous cigarettes manufacturing)	1,420 0 0
3	Bitumen	90 0 0
2	Bricks and tiles	40 0 0
1	Bones	15 0 0
9	Camphor	135 0 0
3	Candles (manufacturing)	66 4 0
4	Carbide of calcium (retail)	12 0 0
6	Do. do. (wholesale)	115 0 0
2	Catgut	30 0 0
1,332	Charcoal	11,185 8 0
182	Chemicals	2,562 0 0
11	Chlorate of potash	55 0 0
74	Cinematograph films	2,126 14 0
153	Cloth dyeing in indigo and other colours by hand power ..	1,151 12 0
11	Do. do. do. by mechanical power ..	337 8 0
148	Coal and coke	1,375 8 0
29	Cocoanut fibre, flax, hemp and jute	420 0 0
15	Copra	567 8 0
8	Cotton (keeping)	183 12 0
14	Do. (keeping and pressing)	328 12 0
24	Cotton seeds	477 8 0
60	Cotton refuse or waste (keeping)	1,322 8 0
16	Do. (cleaning and keeping)	706 8 0
5	Cowdung cakes (manufacturing)	75 0 0
1	Dammer, Tar (melting)	10 0 0
80	Dammer, tar and pitch	1,417 8 0
1	Dynamite	50 0 0
3,081	Eating-houses	39,771 9 0
10	Esas	227 8 0
13	Fat and tallow (keeping)	317 8 0
2	Do. (cleaning and pressing)	67 8 0
8	Fins	127 8 0
18	Fish (dried)	456 4 0
226	Fireworks (retail)	706 0 0
62	Do. (wholesale)	483 2 0
8	Do. (manufacturing)	112 8 0
27	Firewood (retail)	61 8 0
464	Do. (wholesale)	5,753 8 0
7	Gas (manufacturing)	310 0 0
66	Ghee (keeping)	805 0 0
6	Do. (manufacturing)	55 0 0
133	Butter (under Section 412A)	343 0 0
159	Grain parching	235 8 0
164	Gunny bags	1,461 0 0
16	Gunpowder (retail)	80 0 0
2	Do. (wholesale)	100 0 0
..	Do. (manufacturing)	....
653	Hair-dressing saloons	3,501 4 0
64	Hay, straw or grass	819 4 0
8,854	Carried forward ..	87,096 5 0

No. of Licences.	Nature of Trade.	Licence Fees.
		Rs. a. p.
8,854	Brought over ..	87,096 5 0
32	Hessian cloth	121 0 0
8	Hides and skins (dried)	108 12 0
6	Do. (raw) keeping	150 0 0
22	Tanneries	1,986 4 0
....	Horns and hoofs	....
....	Hair	....
6	Ice (manufacturing)	554 0 0
125	Khoka boxes (manufacturing and storing)	989 4 0
27	Lime (manufacturing)	1,331 4 0
48	Liquid fuel	2,475 0 0
6	Leaves (dried)	58 8 0
1,680	Matches (retail)	2,464 8 0
53	Do. (wholesale)	2,275 8 0
....	Do. (manufacturing)	....
165	Do. (Bengal) (retail)	191 0 0
1	Do. do. (wholesale)	150 0 0
193	Metal casting	3,098 12 0
96	Methylated spirit	1,626 4 0
730	Noisy trades	3,159 4 0
4	Non-dangerous Petroleum Form A	334 8 0
1	Nitro-glycerine	50 0 0
659	Oils (keeping)	7,419 6 0
105	Do. (manufacturing)	1,278 12 0
163	Oilseeds	6,902 8 0
17	Paints	322 8 0
2	Paper (manufacturing)	30 0 0
30	Paper, waste	488 12 0
1	Phosphorus (retail)	5 0 0
....	Do. (wholesale)	....
1	Packing stuff	5 0 0
88	Petroleum (dangerous)	250 4 0
49	Oil (kerosene) (retail)	407 0 0
94	Do. (wholesale)	735 0 0
2	Pottery (manufacturing)	7 8 0
4	Rags	63 12 0
12	Rosin	163 12 0
29	Saltpetre	250 0 0
37	Sandalwood	305 0 0
25	Smelteries	312 0 0
60	Soap (manufacturing)	1,670 0 0
7	Sugar refineries	412 8 0
16	Sulphur	170 0 0
22	Stables for horses	1,838 12 0
90	Do. milch cattle	8,971 4 0
44	Do. bullocks	903 12 0
....	Do. four-footed animals	....
379	Sweetmeats (keeping and manufacturing)	2,441 8 0
761	Timber	9,297 5 0
125	Turpentine (retail)	625 0 0
32	Do. (wholesale)	828 12 0
30	Whistle (steam), blowing of	282 8 0
67	Varnish	600 0 0
15	Wool	382 8 0
....	Special licences under Section 394 (1) (*d*) (*ii*)	....
4	Wool (cleaning and pressing)	150 0 0
15,027	Carried forward ..	1,55,740 0 0

No. of Licences.	Nature of Trade.	Licence Fees.
		Rs. a. p.
15,027	Brought over	1,55,740 0 0
207	Permits under Section 390	5,337 8 0
636	Transfer of licences	848 0 0
58	Do. permits	74 0 0
15,928		1,61,999 8 0
863	Licence fees collected during 1933-34 for the official years 1932-33 and 1931-32	5,578 12 0
16,791	Total ..	1,67,578 4 0

(2) *Summary of total revenue collected during the official year* 1933-34.

No. of Licences and Permits.	Nature of Revenue collected.	Amount.
		Rs. a. p.
16,791	Licence fees collected under Sections 390 and 394	1,67,578 4 0
2,555	Advertisement fees collected under Sections 328 and 328A ..	52,542 0 0
20,800	Fees collected from squatters under Section 313	92,238 0 0
6,240	Fees collected from hawkers under Section 313A	18,766 0 0
	Encroachment removal fees under Sections 314 and 490 ..	23,902 0 0
	Miscellaneous fees	1,155 1 0
	Grand Total ..	3,56,181 5 0

MARKETS

No. M/4765 of 1934-35.

BOMBAY, 18*th June* 1934.

FROM

THE SUPERINTENDENT OF MARKETS,

ARTHUR CRAWFORD MARKET, BOMBAY.

To

THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY,

BOMBAY.

SIR,

I have the honour to submit the annual report of the Markets and Slaughter Houses Department for the year 1933-34.

2. The total receipts during the year under report amounted to Rs. 11,21,692-2-2 against Rs. 11,34,394-8-11 in the previous year, showing a decrease of Rs. 12,702-6-9 which is due to the fall in the rent receipts from Municipal markets and in the Fair fees from the Bandra Slaughter Houses.

3. There were 16 Municipal Markets in all ; these are shown in Statement I below with net receipts obtained during 1932-33 and 1933-34. The total number of stalls and the average number of stalls that remained vacant per quarter in each market during these years are also given for comparison together with the increase or decrease in the revenue of each market during 1933-34 for ascertaining the financial result of each market in respect of the stall rents, etc.

STATEMENT I.

Name of Market.	Total No. of Stalls.		Average No. of Stalls vacant per quarter.		Stall Rents, 1933-34.	Squatters Fees, License Fees, etc., 1933-34.	Total Gross Receipts, 1933-34.	Expenditure, 1933-34.	Net Receipts, 1933-34.	Net Receipts, 1932-33.	Increase or Decrease during 1933-34.
	1933-34.	1932-33.	1933-34.	1932-33.							
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Colaba	83	76	61	56	1,820 7 4	2,727 0 0	4,547 7 4	1,231 15 9	3,315 7 7	2,371 12 1	+ 943 11 6
Fort	180	180	24	24	9,811 7 0	5,689 6 0	15,500 13 0	4,440 14 2	11,059 14 10	11,136 13 10	— 76 15 0
Arthur Crawford	1,033	1,033	145	129	1,69,978 14 0	1,10,845 1 3	2,80,773 15 3	92,786 1 8	1,87,987 13 7	1,84,724 9 8	+ 3,263 3 11
Erskine Road	832	832	254	240	75,082 1 10	23,008 10 0	98,090 11 10	22,857 13 4	75,232 14 6	69,374 13 10	+ 5,858 0 8
Bhuleshwar	201	201	25	25	20,123 5 1	211 0 0	20,334 5 1	5,182 13 9	15,151 7 4	14,056 11 4	+ 1,094 12 0
Peddar	46	46	11	11	2,657 9 0	4,038 0 0	6,695 9 0	2,503 12 8	4,191 12 4	4,067 1 0	+ 124 11 4
Pork	3	3	..	..	3,200 0 0	4 0 0	3,204 0 0	1,082 0 1	2,121 15 11	1,904 6 10	+ 217 9 1
DeLisle Road Sheep	48	48	7	..	5,301 12 0	1,137 0 0	6,438 12 0	1,583 1 5	4,855 10 7	6,114 6 0	— 1,258 11 5
Fergusson Road	34	34	7	4	2,828 14 10	18,531 0 0	21,359 14 10	4,793 9 0	16,566 5 10	16,203 1 7	+ 363 4 3
Parbhadevi Road	29	29	10	10	1,438 2 0	13,028 0 0	14,466 2 0	4,030 13 2	10,435 4 10	8,173 13 9	+ 2,261 7 1
Elphinstone Road	32	32	3	1	5,641 10 0	12,233 8 0	17,875 2 0	4,206 6 3	13,668 11 9	10,052 12 11	+ 3,615 14 10
Kamatipura	53	53	15	16	3,363 12 4	3,544 10 0	6,908 6 4	1,858 7 8	5,049 14 8	4,333 5 3	+ 716 9 5
Masjid Bunder	52	52	41	38	1,006 12 0	608 8 0	1,615 4 0	2,173 8 10	—558 4 10	—492 5 0	— 65 15 10
Chowpaty	71	71	36	34	1,937 10 0	1,847 0 0	3,784 10 0	1,419 1 5	2,365 8 7	2,017 11 1	+ 347 13 6
Dadar	3	3	..	..	920 0 0	17,976 2 2	18,896 2 2	4,751 8 6	14,144 9 8	11,101 5 6	+ 3,043 4 2
Chandanwady	84	84	51	56	557 5 0	47 0 0	604 5 0	334 12 6	269 8 6	427 13 2	— 158 4 8
Total ..	2,784	2,777	690	644	3,05,619 10 5	2,15,475 13 5	5,21,095 7 10	1,55,236 12 2	3,65,858 11 8	3,45,568 4 10	+20,290 6 10

During the year seven new spaces were provided in the Colaba Market.

There was an increase of Rs. 21,850-5-9 in the receipts from some markets and a decrease of Rs. 1,559-14-11 from others; but the net financial position in respect of stall rents, etc., was an increase of Rs. 20,290-6-10.

4. In addition to stall rents Rs. 1,28,100 were realised from the contractors for the right of collecting squatters' fees from the different Municipal markets and the Scale fees from the Arthur Crawford Market against Rs. 1,28,975 of the preceding year. The squatters' fees collected departmentally at the Arthur Crawford, Erskine Road and Musjid Bunder Market together with the encroachment fees from markets amounted to Rs. 48,400-1-0 against Rs. 45,236-15-0 in the previous year, giving a net income of Rs. 1,76,500-1-0 against Rs. 1,74,211-15-0 in the preceding year.

5. The number of private markets during the year was 18 inclusive of one opened at Bhoiwada Parel on 1st October 1933. The amount received on account of license fee of the latter is held in deposit as the fee is not yet fixed. The license fees in respect of the remaining 17 private markets and one private Slaughter house at Marine Lines amounted to Rs. 28,222-9-0 against Rs. 30,728-10-0 in the preceding year. Lincense fees amounting to Rs. 821 were also recovered from butchers having stalls in private markets. The number of outside meat shops was 152 against 150 and the license fees realised in respect of them were Rs. 7,507 against Rs. 7,663 in the previous year. One outside pork shop was licensed during the year.

6. Unwholesome articles, *viz.* meat, fish, fruits, vegetables, etc. from different markets and slaughter houses including contraband meat weighing about 4,81,302 lbs. in the aggregate were destroyed during the year. The total quantity of meat destroyed was 4,526½ lbs.

7. The quantity of contraband meat seized and destroyed was 4,621 lbs. against 2,689½ lbs. in the previous year showing an increase of 1931½ lbs.

8. Seven thousand, six hundred and fifty-eight buffaloes, 44,189 cows and bullocks and 8,89,319 sheep and goats were brought on the fair ground at Bandra Slaughter Houses against 8,835 buffaloes, 39,076 cows and bullocks and 8,22,186 sheep and goats during the previous year out of which 3 buffaloes, 713 cows and bullocks and 5,676 sheep and goats being found in an advanced stage of pregnancy or suffering from sheep-pox, foot and mouth disease, fever, emaciation, abortion, debility, mange, bruises, fractures, abscesses and purging or otherwise unfit for human consumption were rejected on ante-mortem examination.

The principal causes of post mortem condemnation were cysticercus bovis, emaciation, liver flukes, bruises, abscesses, hydatid cysts and parasitic nodular infection of livers and lungs.

9. The slaughter and removal fees realised at the Bandra Slaughter Houses together with slaughter fees realised at Delisle Road sheep Market amounted to Rs. 3,42,631-11-0 against Rs. 3,43,085-5-0 of the last year showing a decrease of Rs. 453-10-0. The fees received from the Kurla Municipality under the Agreement to import buffalo meat into Bombay were Rs. 57,650 against Rs. 53,670 in the last year. A sum of Rs. 78-8-0 in all was realised for horned cattle, sheep and goats slaughtered in Bombay on occasions of festivals.

10. The approximate weight of dressed meat of buffaloes, cows and bullocks was 5,489 tons and that of sheep and goats 6,947 tons. The quantity condemned out of the former was 13 tons and of the latter 3 tons which gives ·24 and ·04 percentage respectively.

11. One thousand, three hundred and seventy-eight pigs and 198 piglings were brought for slaughter at the Arthur Road Slaughter House of which 1,377 pigs and 162 piglings were slaughtered and the fees received for slaughtering amounted to Rs. 1,417-8-0.

Permits to import 117 slaughtered piglings were issued during the year and the fees recovered amounted to Rs. 87-12-0.

12. Out of 57 tons of pork meat slaughtered, 3 tons was rejected as being unfit due to tuberculosis, cysticercus-cellulosea, hypertrophy of kidneys, bruises, abscesses and cysts and was destroyed. The percentage of the quantity destroyed comes to 5·26. The affections of tuberculosis were confined to pigs only.

Note: The details of animals slaughtered etc., and the fees realised are given in appendix 'A' of this report.

13. The sum realised for the right of collecting Fair fees at the Bandra Slaughter Houses was Rs. 1,38,000 against Rs. 1,42,500 of the preceding year showing a decrease of Rs. 4,500.

14. The other miscellaneous revenues were as follows :—

STATEMENT II.

Particulars.	1933-34.	1932-33.
	Rs. a. p.	Rs. a. p.
(1) Amount recovered from the contractor for the right of removing blood at the Bandra Slaughter Houses	6,236 0 0	6,236 0 0
(2) License fees for stalls and shops in Municipal and Private Markets, outside shops, etc. ..	47,183 9 0	49,145 10 0
(3) Fees for verifying weights and measures	1,931 10 0	2,802 4 0
(4) Prices current	114 12 0	88 2 0
(5) Minor receipts	2,660 13 4	2,352 14 0
(6) Ground rents	6,765 4 8	5,334 3 2
(7) Chawl rents	4,652 15 0	4,662 14 4
(8) Rent from Peddar Market Chawl and other rents recovered from peons, halalkhores, etc. ..	1,044 4 0	940 12 0
(9) Cold Storage rents	29,114 3 9	32,911 2 0
(10) Fines from contractors	3 0 0	45 0 0
Total ..	99,706 7 9	1,04,518 13 6

15. The fines inflicted by the Presidency Magistrates for infringement of the provisions of the Municipal Act and Byelaws pertaining to Market Department during the year under report amounted to Rs. 1,007 against Rs. 875 in the preceding year.

16. The staff for stamping weights and measures was maintained throughout the year.

17. The refrigerator plant in the Arthur Crawford Market worked satisfactorily. In all the four rooms packages were stored on payment of daily fees which were recovered departmentally.

18. I continued to hold charge of the Markets and Slaughter Houses Department throughout the year. My staff worked satisfactorily as usual.

19. In the following statement is shown the financial position of the Municipal markets for the year 1933-34.

STATEMENT III.

Name of Market.	Total Cost upto 31st March 1933.	Additions made during the year 1933-34.	Total Cost upto 31st March 1934.	Gross Receipts for 1933-34.	Expenditure for 1933-34.	Net Receipts for 1933-34.	Percentage on Cost.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
Colaba	97,625 3 11	....	97,625 3 11	4,547 7 4	1,231 15 9	3,315 7 7	3·40	The percentage of net income on total cost of markets comes to 9·10.
Fort	41,374 4 8	....	41,374 4 8	15,500 13 0	4,440 14 2	11,059 14 10	26·73	
Arthur Crawford ..	17,49,437 7 10	....	17,49,437 7 10	2,80,773 15 3	92,786 1 8	1,87,987 13 7	10·75	
Erskine Road ..	5,92,248 10 10	....	5,92,248 10 10	98,090 11 10	22,857 13 4	75,232 14 6	12·70	
Bhuleshwar	2,94,217 0 11	....	2,94,217 0 11	20,334 5 1	5,182 13 9	15,151 7 4	5·15	
Peddar	57,802 4 2	....	57,802 4 2	6,695 9 0	2,503 12 8	4,191 12 4	7·25	
Pork	20,880 13 4	....	20,880 13 4	3,204 0 0	1,082 0 1	2,121 15 11	10·16	
DeLisle Road Sheep ..	25,000 0 0	....	25,000 0 0	6,488 12 0	1,583 1 5	4,855 10 7	19·42	
Fergusson Road ..	25,473 5 5	....	25,473 5 5	21,359 14 10	4,793 9 0	16,566 5 10	65·03	
Purbhadevi Road ..	23,819 7 3	....	23,819 7 3	14,466 2 0	4,030 13 2	10,435 4 10	43·81	
Elphinstone Road ..	31,649 2 0	....	31,649 2 0	17,875 2 0	4,206 6 3	13,668 11 9	43·19	
Kamatipura ..	55,498 7 9	....	55,498 7 9	6,908 6 4	1,858 7 8	5,049 14 8	9·10	
Masjid Bunder ..	17,346 3 5	....	17,346 3 5	1,615 4 0	2,173 8 10	—558 4 10	3·22 *loss*	
Chawpaty	4,66,178 9 8	....	4,66,178 9 8	3,784 10 0	1,419 1 5	2,365 8 7	·51	
Dadar	1,34,543 6 9	....	1,34,543 6 9	18,896 2 2	4,751 8 6	14,144 9 8	10·51	
Chandanwady ..	3,89,020 14 0	....	3,89,020 14 0	604 5 0	334 12 6	269 8 6	·07	
Total ..	40,22,115 5 11	....	40,22,115 5 11	5,21,095 7 10	1,55,236 12 2	3,65,858 11 8		

I have the honour to be,

Sir,

Your most obedient servant,

C. M. FLANDERS, V.S.,

CAPTAIN, R. A. V. C. (Retired),

Superintendent of Markets and Slaughter Houses, etc.

APPENDIX "A."

Statement showing the number of animals slaughtered, or removed for private slaughter and the amount of slaughter fees levied thereon during 1933-34.

Description of Animals.	April 1933.	May 1933.	June 1933.	July 1933.	August 1933.	September 1933.	October 1933.	November 1933.	December 1933.	January 1934.	February 1934.	March 1934.	Total Numberof Animals.	Total Amount of Slaughter Fees.
														Rs. a. p.
Buffaloes	617	640	673	652	654	620	627	633	641	661	595	605	7,618	1,14,270 0 0
Cows .. Bombay	,910	2,096	2,046	2,287	2,348	2,205	2,282	2,208	2,597	2,567	2,156	2,006	26,708	40,062 0 0
Cows .. Bandra	290	309	341	380	370	349	327	340	373	392	331	287	4,089	4,089 0 0
Bullocks	912	1,000	903	947	809	879	784	945	1,123	1,203	1,123	1,009	11,637	17,455 8 0
Sheep and goats for Bombay	60,225	62,236	62,977	62,781	60,861	62,606	63,346	62,398	67,909	66,539	56,138	59,465	7,47,481	1,40,152 11 0
Sheep and goats for Bandra	2,349	2,645	2,644	2,814	2,597	2,682	2,609	2,465	2,592	2,631	2,156	2,378	30,562	3,820 4 0
Pigs at Arthur Road Slaughter House	104	79	84	92	101	115	107	123	172	130	133	137	1,377	1,377 0 0
Piglings at Arthur Road Slaughter House	25	14	6	7	10	4	2	18	44	19	13	..	162	40 8 0
Slaughtered piglings for private consumption in Bombay	11	8	..	13	5	10	8	3	34	12	5	8	117	87 12 0
Live horned cattle removed to Bombay ..	35	15	11	15	69	19	25	45	14	38	37	23	346	1,730 0 0
Live horned cattle removed for shipping ..	..	..	..	..	..	3	..	2	6	2	..	..	13	26 0 0
Live horned cattle for private slaughter in Bombay	3	5	..	..	1	3	3	4	1	3	..	..	23	69 0 0
Live sheep and goats removed to Bandra ..	864	687	651	879	658	550	810	1,265	1,496	1,416	1,254	1,276	11,806	5,903 0 0
Live sheep and goats removed to Bombay ..	1,437	171	55	245	128	65	98	48	51	196	188	1,607	4,289	3,216 12 0
Live sheep and goats removed for shipping ..	187	251	192	119	102	64	117	158	147	175	459	234	2,205	551 4 0
Live sheep and goats for private slaughter in Bombay	3	..	1	1	1	..	1	4	..	5	..	3	19	9 8 0
Live sheep and goats removed by DeLisle Road Sheep Fadkarees	1,906	942	1,098	1,857	1,443	1,008	780	937	1,007	869	1,322	1,788	14,957	11,217 12 0
Live sheep and goats slaughtered in the chamber of DeLisle Road Sheep Market ..	49	83	88	197	72	73	101	100	98	87	44	112	1,104	138 0 0
Total ..	70,927	71,181	71,770	73,286	70,229	71,255	72,027	71,696	78,305	76,945	65,954	70,938	8,64,513	3,44,215 15 0

C. M. FLANDERS, V.S.,
CAPTAIN, R. A. V. C. (Retired),
Superintendent of Markets and Slaughter Houses, etc.

No. EH/872/S.R. of 1934-1935.

BOMBAY, *6th July* 1934.

FROM

THE DEAN,

KING EDWARD VII MEMORIAL HOSPITAL AND

SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE, PAREL, BOMBAY.

TO

THE MUNICIPAL COMMISSIONER

FOR THECITY OF BOMBAY.

Subject :- *Administration Report for the year* 1933-34.

SIR,

I have the honour to forward the administration report of the King Edward Memorial Hospital and Seth Gordhandas Sunderdas Medical College for the year 1933-34.

2. The report is divided under the following heads :—

1.	Advisory Medical Board and staff	Paras.	3 to 5
2.	The Hospital	,,	6 to 33
3.	The College	,,	34 to 43
4.	General	,,	44
5.	Appendices	Nos.	1 to 14

Advisory Medical Board.

3. During the year 1933, the Advisory Medical Board held 13 meetings. There was one meeting of its Committee and one general meeting of the Honorary and Professorial staff.

The Dean.

4. Dr. Jivraj N. Mehta, M.D. (Lond.), M.R.C.P. (Lond.), Dean, was on leave upto 21st December 1933 and Dr. V. R. Khanolkar, B.Sc. (Lond.), M.D. (Lond.), Professor of Pathology and Bacteriology acted as Dean during that period in addition to his own duties. The duties of Dr. Mehta as Honorary Physician at the hospital and Honorary Lecturer at the College were carried out by Dr. S. G. Vengsarkar, M.D. (Bom.), Assistant Honorary Physician in addition to his own duties.

5. Dr. R. P. Koppikar, M.S. (Bom.), Professor of Anatomy and Dr. A. S. Paranjpe, D.T.M., M.D. (Hiedelberg), Professor of Pharmacology, were granted 6 months and 1 day's leave from the 7th October, 1932, to 7th April, 1933, and during the period of their absence on leave, G. M. Kurulkar, Esqr., M.B.B.S. and C. C. Merchant, Esqr., M.B.B.S., acted as Professor of Anatomy and Associate Professor of Pharmacology respectively.

The Hospital.

6. The hospital worked during the course of the year somewhat in excess of its full complement of 354 beds. A constant check was however exercised on the admission of patients into the hospital as a result of which the average number of daily occupied beds has been brought down almost to the normal accommodation. The 354 beds were distributed as under :—

Department.	Male.	Female.	Children.	Total.
Medical	83	31	10	124
Surgical	83	31	14	128
Gynaecological	....	35	....	35
Ophthalmic	16	16	....	32
Aural	6	2	2	10
Skin and Venereal	6	2	.....	8
Casualty	6	3	....	9
Isolation	6	2	....	8
	206	122	26	354

Equipment and Works.

7. Due to financial stringency caused by the acute trade depression prevailing in the City, costly additions to the existing equipment and structural alterations rendered necessary by the increase of work at the institutions had to be put off for better times. The need for the following additions is however badly felt :—

(*a*) VENEREAL WARDS—

It is now over 3 years since the venereal wards are ready for the admission of patients but for want of funds necessary for their equipment and maintenance, they have continued to remain closed. It is hoped that with the help of the funds placed at the disposal of the Corporation by the Hospital Maintenance Fund Committee, it would be possible to open these wards early as the patients with extensive venereal lesions have to be refused admission to the general wards of the hospital owing to the danger of the spread of infection to the other patients. Such patients however continue to be a source of danger to the general community if allowed to remain untreated in a suitable ward.

(*b*) RADIUM—

During the year under report, about 300 patients were reported to be suffering from Cancer or other malignant growths. Judging from the published reports of radium treatment elsewhere it is possible to believe that quite a large proportion of these cases would have been relieved from the ravages of a malignant disease if Radium could have been administered to them in adequate amounts at the proper time. As there is no radium available in the hospital, cases attending the hospital have to be advised to go to the Mission Hospital at Miraj and the Radium Institute at Patna. The inconvenience of a long journey in the case of the latter institution and the long waiting period before admission could be obtained at both the places, make the use of Radium in Cancer cases sent to these places from here very difficult and of doubtful utility. It is hoped that patients suffering from the effects of this most distressing condition would not be allowed to perish without a hope of relief by the philanthrophic public of this great City.

(*c*) EXTENSION OF THE HOSPITAL OFFICE—

The need for the extension of the hospital office is being acutely felt. The present accommodation has for long been found inadequate. The record of the hospital and particularly of the in-patients has been rapidly growing and the necessity of having a central place for record is keenly felt.

(*d*) CONSTRUCTION OF A WARD FOR TUBERCULAR PATIENTS—

Though the tubercular patients in the early or advanced state of pulmonary disease continue to be transferred to the Turner Sanatorium and the Maratha Hospital respectively, as stated in para 18 below, the need of such a ward in the hospital continues to be acutely felt. The attendance of these patients in the outdoor department continues to grow due to the steadily increasing incidence of lung tubercle in the City, with the result that it becomes an increasingly difficult problem as to what to do with these patients. As many as 562 patients suffering from lung tubercle attended this department. Of these barely half the number could be admitted in the Maratha Hospital, Turner Sanatorium or otherwise, no provision being found for the remaining. They cannot be kept in a general ward, except in case of an emergency, for fear of infecting the other patients in the ward who being generally in a low state of health would fall an easy prey to the tubercular infection. On the other hand, allowing such patients with open tubercular foci in their lungs and with their habits of indiscriminate coughing and spitting and thus scattering innumerable tubercle bacilli round about them in the City is also a dangerous policy for a City to be allowed to follow as it affects the health of the general community and leads to the spread of the disease. The urgent need of a ward for men and women patients respectively suffering from pulmonary tuberculosis would thus be well appreciated in the interest of these patients as well as with a view to lowering the incidence of this fell disease in the City.

(*e*) CONSTRUCTION OF A TONSIL WARD—

677 persons were operated upon for the removal of tonsils and adenoids or both during the year and the Ear, Nose and Throat section of the out-patient department continues to remain overcrowded on most of the days of the week. The need

for a separate tonsil ward in the space adjoining the Aural Department persists as before. The cost of construction and equipment of such a ward is not likely to exceed Rs. 10,000 in all. The Schools Committee having entrusted the work of school clinics to this hospital, a fairly large number of school children are treated in this department, making the provision of the ward more urgent.

(*f*) EXTENSION OF THE ELECTRO-CARDIOGRAPH DEPARTMENT—

This is necessary as the existing accommodation is inadequate for its requirements.

(*g*) EXTENSION OF THE STAFF QUARTERS—

The necessity of this extension has been felt since the hospital was opened in 1926. In the original scheme, no quarters were provided for clerks or for all compounders, the engineering staff, etc. and arrangements had to be made for accommodating them by a suitable adjustment of the residential buildings available. For want of adequate accommodation, the staff cannot however be accommodated in full and complaints have been made for the inadequacy of the quarters allotted to the resident staff at present.

Number of patients treated during the year 1933 *and total expenditure incurred during* 1933-34.

8. The statistical tables attached to this report record in detail the number, attendance, etc. in all the departments of the hospital and the number and nature of operations performed during the period under report. The following abridged summary shows the work carried out during the year 1933, as compared with that in the preceding year :—

	Particulars.	Figures for the year 1933.	Figures for the year 1932.
(*a*)	In-patients—		
	1. Scheduled strength of beds	354	354
	2. Daily average number of in-patients	354.5	360.2
	3. Total number of in-patients treated	10,833	10,515
	4. Average number of days each patient was resident ..	11.0	12.7
(*b*)	Out-patients—		
	1. Total number of new out-patients	71,754	64,073
	2. Daily average number of out-patients	672.4	607.7
	3. Total number of out-patient attendance	2,07,811	1,88,395
	4. Number of casualty patients included in No. 1 above ..	9,569	9,848
(*c*)	Operations—		
	1. Total number of operations on in-patients	3,465	3,974
	2. Total number of operations on out-patients	4,277	3,073

9. Among the patients treated in the hospital during the year 1933, the following cases may be mentioned as of special interest :—

1.	Roadside cases brought by the Police	50
2.	Tetanus	107
3.	Motor accidents	86
4.	Burns	218

10. Out of the 218 cases of Burns attended in the out-patient department, 85 cases were admitted into the hospital as in-patients during the year under report ; 40 of them being men, 18 women and 27 children. Out of the 40 cases among men, 13 were caused in the course of their professional occupation , ten of the latter being Deccanis. In only two cases stove was the cause of burns, the remaining cases being due to other causes. None of the cases of burns among men was caused by segree or lamp accidents.

11. Out of the 18 women admitted for burns, 13 were Deccani, 2 Gujarati and 3 Mahomedan ladies. In nine cases (8 Deccani, one Gujarati) the cause of burns was due either to segree or lamp accidents ; stove being the cause in only one case of a Deccani lady. The other cases of burns among women were due to other causes. As regards children, 8 were the result of segree or lamp accidents—all the eight being female childern —2 were stove accidents and the rest due to other causes. It would thus be seen that stove as the cause of burns figures much less in the statistics of this hospital than what one would judge from the Press reports, though no doubt the part of Bombay, where this hospital is situated, has not so large a Gujarati population as in Bhuleshwar and elsewhere in the City. To what extent the stove or burn tragedies are due to social factors, as apart from accidents, it is not the province of this report to enquire into. This may well be left to social institutions in the City.

12. Out of the total number of 10,833 patients (10,498 admitted during the year under report and 335 previous year's balance continuing treatment during the year under report) under treatment in the hospital, 3,158 were cured, 4,516 were discharged as relieved, 1,436 either absconded or left the hospital against medical advice and 1,010 died, leaving a balance of 353 patients in the hospital at the end of the year. Out of the 1,010 deaths, 282 died within the first 24 hours of admission, 272 after 24 hours and within 3 days of admission and the remaining 456 after 3 days of their admission into the hospital.

13. The total expenditure incurred on the maintenance of the hospital during the year 1933-34, including the liabilities outstanding at the end of the year, approximately amounts to Rs. 4,86,689. This expenditure includes the cost of the maintenance and treatment of in-patients, the cost of the out-patient department, of the resident medical, nursing and menial staff as well as that of the administration and of the maintenance and repairs of buildings. From the subjoined table it would be seen that the cost, per in-patient, per day, has been reduced to Rs. 3-0-8 in the year under report from Rs. 3-4-5 in the previous year. Reduction to the extent of Re. 0-1-8 per in-patient, per day, is due to the change in the system of levying water charges from the full rate of 3½ per cent. to a compounded rate of Rs. 30 applicable to charitable institutions. The other principal reductions are under diets and drugs corresponding with the reduction in the rates of commodities that has progressively taken place in the last three years. For example, the cost of diet per in-patient, per day, including that of the extras and stimulants prescribed to patients has been reduced by about 15 per cent. from that in 1932-33 and by over 30 per cent. from that in 1930-31. Likewise the cost of drugs, dressings, etc. per in-patient, per day, has been brought down by 10 per cent. in spite of an increase in Customs Duty.

14. As regards the out-patients, the cost per each out-patient admission has been reduced to Rs. 1-4-8 in the year under report from Rs. 1-8-2 in the previous year. This reduction is partly due to an increase in the total number of out-patients attending the department caused by the continued economic distress in the City, which has naturally lowered the cost per new out-patient under establishment. Part of the reduction is also due to the lower cost of drugs and dressings, and part to the system of levying water charges referred to above. It may be added that the cost for each out-patient attendance works out at Re. 0-7-2, *i.e.* Re. 0-2-5 per medicine day, including the cost of drugs, surgical dressings, skiagrams, establishment charges, etc.

15. The following table illustrates the relative cost of in-patients and out-patients, per patient, per day, during the years 1933-34 and 1932-33 respectively :—

Particulars.	1933-34.	1932-33.
	Rs. a. p.	Rs. a. p.
(*a*) Average cost per in-patient per day	3 0 8	3 4 5
(*b*) Average cost of diet per in-patient per day	0 6 9	0 7 11
(*c*) Average cost per in-patient admission	36 2 3	41 7 4
(*d*) Average cost per out-patient attendance	0 7 2	0 8 3
(*e*) Average cost per out-patient admission	1 4 8	1 8 2

16. The details of the cost per in-patient per day for the years 1933-34 and 1932-33 respectively will be seen from the following table :—

Year.	Diets.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and engineering.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1933-34	0 6 9	0 6 0	0 3 2	0 2 10	0 2 1	1 8 7	0 3 3	3 0 8
1932-33	0 7 11	0 6 8	0 3 2	0 3 2	0 3 8	1 8 9	0 3 1	3 4 5

17. The following table gives the average cost of every new out-patient admission completely treated during the year under report in comparison with that for the previous year :—

Year.	Diets.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and engineering.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1933-34	....	0 8 1	0 0 11	0 0 7	0 0 5	0 10 1	0 0 7	1 4 8
1932-33	....	0 9 3	0 1 0	0 0 9	0 0 11	0 11 5	0 0 10	1 8 2

18. The demand made by the public on the hospital accommodation continues to persist. This demand for hospital accommodation is keeping well ahead of the increase of nearly 1,000 hospital beds in the City during the last eight years and it would appear the City population has begun to resort to hospital treatment to a steadily increasing extent. This raises important considerations about the future policy in regard to the provision of hospital accommodation. In view of the paucity of hospital beds in the City, it is further important that the available beds should be used to the best possible extent and that the hospital accommodation in well equipped modern hospitals should not be wasted on chronic wasting maladies or in keeping the patients in costly hospital beds during the convalescent period which does not need so much expert attendance. But no arrangement is likely to be made in the present financial stringency to relieve the general hospitals of the necessity of accommodating convalescent or chronic cases even though it necessitates an unduly long stay of certain type of cases in hospitals resulting in a smaller turn over and the withholding of medical aid to many acute cases who could otherwise be saved from the mutilating effects of serious diseases by a timely treatment.

19. As stated in the last year's report, the arrangement of admitting unclaimed patients from the hospital made with the Committee of the Helpless Beggars' Camp has been continued on payment of a contribution of Rs. 9,000 per year by the Municipal Corporation. This has served as an effective check on the relatives of patients who evade removal of the discharged patients and has thus been a real help in the discharge of otherwise unclaimed patients from the wards and to that extent the arrangement has been of assistance in relieving congestion in the hospital. The number of patients transferred to the Helpless Beggars' Camp during the period under report was 70. But as stated above the utility of this facility is not to be judged merely from the number of patients actually transferred to that camp.

20. Arrangements made with the Maratha Hospital and the Turner Sanatorium for the transfer of patients suffering from Pulmonary Tuberculosis were continued during the period under report. As many as 234 patients suffering from advanced phthisis were transferred to the Maratha Hospital and 9 cases of early Pulmonary T. B. were transferred to the Turner Sanatorium. Arrangements arrived at to transfer acute cases of diarrhoea and dysentery to the Arthur Road Hospital still continue and 50 cases were thus transferred.

21. It may be mentioned that the highest number of out-patient attendance on any particular day during the year 1933 was 910, the highest number of new admissions in the out-door department on a single day being 387. The highest number of old cases treated on a single day was 615. The highest number of in-patients under treatment on any particular day was 410.

Nursing staff.

22. The arrangement of sending three nurses from this hospital to the Arthur Road Hospital every three months was continued during the year under report.

23. The following are the results of the probationer nurses in this hospital who appeared for the nursing examinations held by the Bombay Provincial Nursing Association during the period under report :—

Examination.	September 1933.		March 1934.	
	Appeared.	Passed.	Appeared.	Passed.
First examination ..	8	8	17	6
Final examination ..	17	14	6	5

24. Considerable controversy has recently been raised as to the cost of nursing establishment. This works out at Rs. 87-11-9 per nurse, per month. It includes not only the cost on salaries, uniform and dhobie allowances and honoraria paid to the medical staff giving instruction in the nursing school, but also their mess charges as also the cost incurred under gas and electric energy consumed in and of repairs to their quarters, the Municipal contribution to their Provident Fund, household linen and crockery, etc. etc.

25. Two nurses were spared each time to assist in the collection of funds on two "Special Hospital Race Days" arranged by the Hospital Maintenance Fund Committee through the Western India Turf Club in February and November 1933. The help rendered by them in the collection of funds was highly appreciated by the said Committee.

Library for the Nurses.

26. Rs. 615 were received as gifts from various people to start a library for the use of the Nurses in the Nurses' Home. Col. K. V. Kukaday contributed Rs. 500 towards the above sum, which gift was much appreciated.

Nurses' Welfare Fund.

27. The Nurses' Welfare Fund inaugurated for the promotion of the welfare of the nursing staff of the hospital has proved beneficial to them. Under the auspices of the Fund about three socials and picnics were arranged during the year. The thanks of the Nursing staff are due to Mrs. Kirpalani, Mrs. Gilder and Mrs. Erulkar for their keen interest in the welfare of the nursing staff during the year under report.

28. Thanks are also due to the Proprietor of the Nawa-kal for the supply, free of charge, of one copy of the journal for the use of the nursing staff during the previous year. Arrangements are being made with the Properietors of various journals for a free supply of a copy of each of them for the use of the nursing staff.

School Clinics.

29. The treatment of school children attending the Municipal Primary schools was continued during the year under report and 2,080 children were treated in the different departments of the hospital as under :—

Medical and surgical	559
Aural	567
Ophthalmic	434
Dental	297
Skin	223
	2,080

30. In addition to the 89 children operated upon in the Aural department, 4 were admitted in the surgical wards and were treated for cellulitis of leg, fracture tibia and fibula and talipes equino-varus. Four major operations were performed in the Ophthalmic department and glasses were prescribed to 87 children. 6 X-Ray plates were taken in addition to a number of screening done for diagnostic purposes. To 12 children, Ultra Violet treatment was given for different complaints. The cost amounted to Rs. 9,254 and the work was carried out on very economical lines as can be judged from the relief afforded to the number of children and the various departments they were treated in, including the follow-up treatment received by them. It can be said that the Schools Committee under whose auspices the clinics are conducted have realised the importance and necessity of such a clinic and have much appreciated its utility.

Poor Box Charity Fund.

31. The Poor Box Charity Fund from which relief is rendered to poor patients by providing them with spectacles, crutches, trusses, artificial limbs, travelling expenses, etc. has received steady support from the public and from the patients who have been benefited by their attendance at the hospital as can be seen from the statement of accounts published in Appendix 14.

32. The Lightfoot Refrigeration Company, Limited, continued the free supply of Oxygen to the hospital during the period under report . This continued generous help is much appreciated.

33. The following donations, gifts, etc. were acknowledged with thanks during the period under report :—

		Rs.	a.	p.
1.	The Burmah-Shell Oil Storage and Distributing Company of India	400	0	0
2.	The Agents, Peninsular and Oriental Steam Navigation Company	300	0	0
3.	The Secretary, Bombay Electric Supply and Tramways Company, Limited	300	0	0
4.	The Agents-General, Lloyd Triestino, Bombay ..	250	0	0
5.	The Acting Secretary, Millowners' Association, Bombay	200	0	0
6.	General Motors, India, Ltd.	200	0	0
7.	Prabhudas Ramji, Esq.	101	0	0
8.	Shri Kathiawar Dasasri Mali Mitra Mandal	100	0	0
9.	The Swan Mills, Ltd.	100	0	0
10.	The Agents, Finlay Mills, Limited	100	0	0
11.	Messrs. Socony Vacuum Corporation..	100	0	0
12.	Dr. R. G. Modak, M.D. (Bom.) ..	One abdominal Retractor.		
13.	D. B. Godbole, Esq., M.A., LLB. ..	One food weighing balance with weights.		
14.	K. A. Subramanian, Esq. ..	One saline apparatus complete with stand.		
15.	Vijaylal M. Vora, Esq., B.A., LL.B...	Two brass buckets. One Rodger's Saline apparatus.		
16.	M. V. Tilve, Esq., B.A., LL.B. ..	One Haemometer complete (Sahlis.)		
17.	Mrs. S. L. Nanji	Eight wooden stools.		
18.	S. N. Bhan, Esq., B.A., LL.B. ..	Dressing carrier one only.		

The College.

34. During the year under report, 70 fresh admissions were made in June 1933. The number of regular students on the college rolls of whom 25 were lady students, at the close of the year was as shown below :—

I.	M.B.B.S., 1st year	70
I.	„ 2nd „	55
II.	„ 3rd „	65
III.	„ 4th „	93
III.	„ 5th „	79
	B.Sc.	1
		363
	Postgraduate students	11
	Total ..	374

Examinations.

35. Students were sent up for different examinations of the University of Bombay ; their results are tabulated below :—

Examinations.	Candidates sent up.	Passed whole examination.	Passed part of the examination.
I. M.B.B.S. (April 1933)	42	28	..
I. „ (December 1933) ..	64	37	..
II. „ (April 1933)	46	23	..
II. „ (December 1933) ..	55	31	..
III. „ (April 1933)	50	14	18
III. „ (December 1933) ..	67	14	16
B. Sc. Physiology-Principal	1	..	..
M.D.	8	2	..
M.S.	4	1	..
D.O.	1	1	..

Annual cost and Revenue.

36. The total expenditure of the college and hostel comes to Rs. 2,14,149. The revenue of the college in the form of tuition fees, hostel rent and miscellaneous receipts amounted to Rs. 93,327 the corresponding figures of expenditure and income for the previous year being Rs. 2,21,021 and Rs. 85,958 respectively. The amount of fees received from the postgraduate students amounted to Rs. 1,500. The gross cost, per student, per year, comes to Rs. 590 while the net cost works out at Rs. 333 per student, per year.

Museum.

37. The work of the construction of a separate Museum building referred to in the last year's report out of a donation of Rs. 1,10,000 in Government Promissory Notes given by the Trustees of the Seth Jamnadas Lallubhai Charities has been completed and the building is ready for occupation. Arrangements are being made for the necessary equipment of the Museum which, it is hoped, will start its work early.

Library.

38. During the year under report, 181 new books were purchased and 50 volumes were added to the library in the form of bound volumes of periodicals, etc., as against 147 books and 53 volumes in the previous year. 84 medical books were presented to the library during the period under report. The college library is gradually becoming popular with the students of the college who make frequent use of books. During the year under report, 6,734 books were issued to them as against 4,773 in preceding year.

Students' Hostel.

39. During the year under report, the number of students resident in the students' hostel was 132. The total expenditure on the hostel was Rs. 9,186. The existing accommodation in the hostel has been found much shorter than the demand although the private arrangements for housing the students reported in the previous year's report still continue.

Hostel for lady students.

40. The question of providing residential accommodation to women students of this college engaged the attention of the authorities during the year under review and efforts were made to have a special building constructed for a hostel in the close proximity of the hospital compound through a private agency ; but the proposal had to be postponed due to financial stringency. Unless a philanthropist comes to assistance, the provision of such a hostel in the near future seems to be very difficult.

Gymkhana.

41. The college gymkhana took part in all Inter-collegiate tournaments and succeeded in winning the following events :—

1. Runner up singles and doubles, Tennis.
2. Individual championship in Tennis.
3. Mr. N. D. Kane won gold medal in Pole Jump.
4. Mr. S. V. Joglekar won gold medal in wrestling.
5. Hockey shield.

42. The College gymkhana urgently requires a pavilion for the use of the students. It is expanding in all its departments, but is seriously handicapped in these activities for want of a central place of its own where the students can assemble and arrange their sports. The gymkhana can hardly afford to save anything out of its revenue received by way of member's fees. During the year under report, therefore, Prof. V. R. Khanolkar, B.Sc. (Lond.), M.D. (Lond.), Acting Dean, made a good beginning in the way of appealing to the public for such funds by arranging for a dramatic play called" आंधळ्यांची शाळा " (School of the Blind). This was performed by the wellknown amateur company Natya Manwantar, Limited, and was well patronized by the public. The proceeds for the Gymkhana pavilion through the sale of tickets and advertisements given by different firms was Rs. 4,200. This amount together with the surplus cash balance of the gymkhana amounting to about Rs. 5,800 has been set apart for the purpose of the Pavilion and it is hoped that the philanthropic public will show their generosity by responding to the appeals of the Gymkhana Pavilion Committee for the required funds and enable the Gymkhana to have its Pavilion in the near future.

Research.

43. The grants for research works which were received in previous years from the Indian Research Fund Association, having been stopped, no such works were in progress during the year under report.

General.

Bihar Earthquake Relief Fund.

44. Due to the serious disaster caused by the earthquake in Bihar, the staff and the students of the hospital and college made generous contributions to the Mayor's Fund for the relief of the suffering public in that province just as they had done on the occasion of the serious damage caused by heavy floods in Gujarat and Kathiawar in the year 1927 when a sum of Rs. 10,900 was contributed towards the relief in the flood stricken areas. The total amount now contributed for the Bihar Earthquake Relief Fund through the Mayor's Relief Fund, Bombay was Rs. 7,809-0-7 of which a sum of Rs. 7,641-4-7 was for the Babu Rajendra Prasad Earthquake Relief Fund and Rs. 167-12-0 for the Viceroy's Fund.

I have the honour to be,
Sir,
Your most obedient servant.

JIVRAJ N. MEHTA,
Dean.

INDEX OF APPENDICES.

APPENDIX No.	1.	Summary of In-patients and their classification as per departments.
,,	2.	Summary of out-patients and their classification as per departments.
,,	3.	Chart illustrating In and Out-patient admissions by months.
,,	4.	Summary of patients according to sex, age and caste, with a chart illustrating this summary.
,,	5.	Summary of patients according to the nature of diseases.
,,	6.	Classification of operations in the Surgical department.
,,	7.	Classification of operations in the Gynæcological department.
,,	8.	Classification of operations in the Ophthalmic department.
,,	9.	Classification of operations in the Ear, Nose and Throat department.
,,	10.	X-Ray and Electro-Therapy Report.
,,	11.	Skin and Venereal Department report.
,,	12.	Clinical Laboratory Report.
,,	13.	Electro-cardiograph department Report.
,,	14.	Poor Box Charity Fund—Statement of accounts.

APPENDIX No. 1.

Summary of in-patients classified as per department for the year 1933.

During the period under review 10,498 in-patients were admitted into this hospital of whom 6,831 were men, 2,624 were women and 1,043 were children (589 male and 454 female). The distribution of in-patients in the various departments is summarised as under :—

Name of department.	Adults.		Children.		Total.
	Male.	Female.	Male.	Female.	
Medical	3,101	911	176	139	4,327
Surgical	2,603	565	174	93	3,435
Ophthalmic	379	238	17	4	638
Gynæcology	..	574	9	9	592
Dental	9	..	1	..	10
Skin and Venereal	222	71	2	10	305
Aural	517	265	210	199	1,191
	6,831	2,624	589	454	10,498

APPENDIX No. 2.

Summary of out-patients classified as per departments for the year 1933.

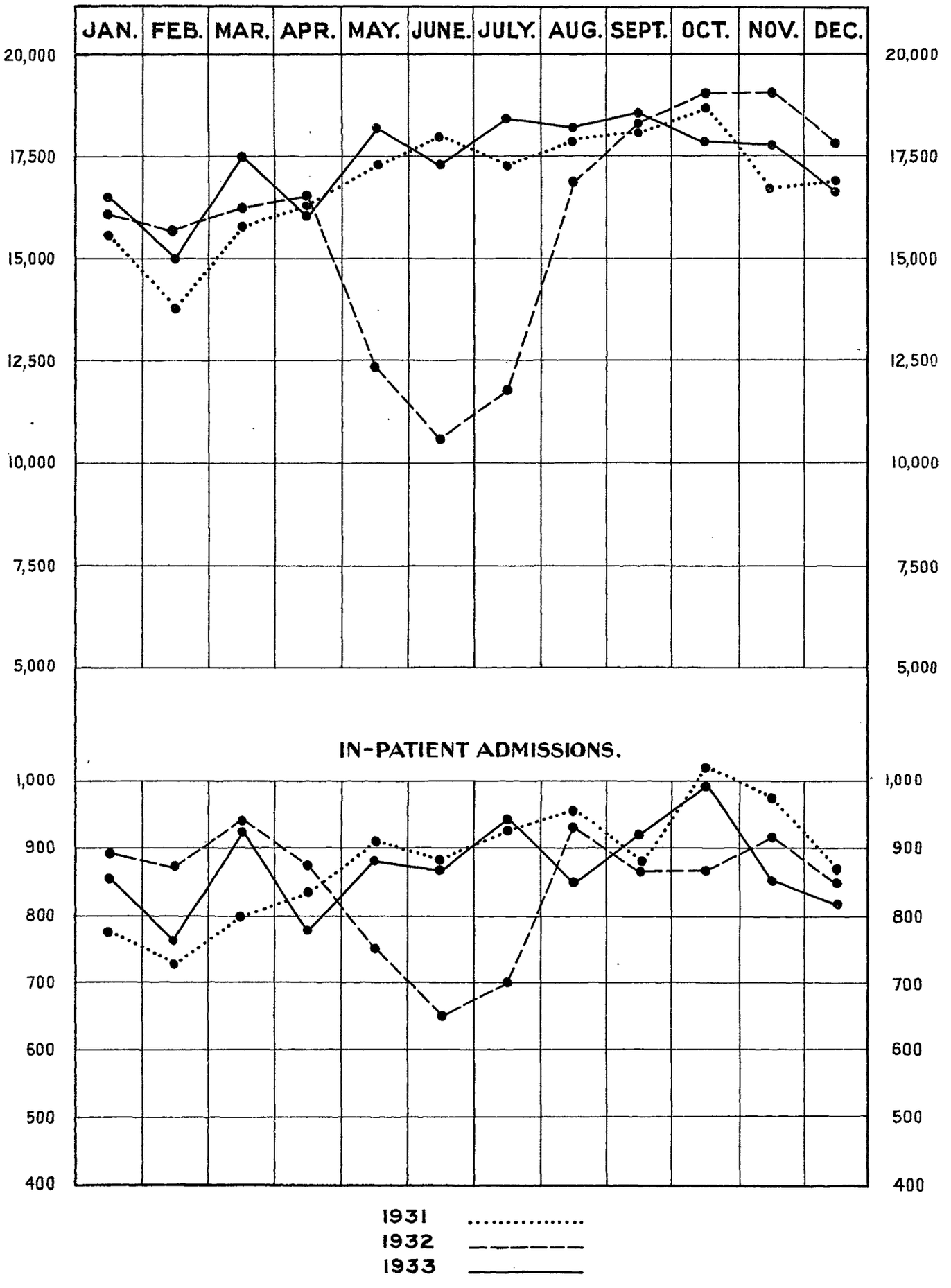
There were 62,185 new admissions, and the total attendance in the out-patients and casualty department was 1,98,242 as tabulated below. It may be mentioned that quite a large number of patients were referred for consultation and treatment from one department to another. Cases so referred or transferred are generally not shown as separate admissions. For the sake of comparison, it may also be mentioned that with a view to maintaining continuity of treatment the same outdoor case paper is issued wherever possible, to a patient returning to the out-patient department even after a few months' absence or after his discharge as an in-patient, with the result that the subjoined table shows comparatively less work than what is actually carried out in each department.

N. B.—Even though an out-patient may get three or four days' medicine at each attendance, his attendance has been counted as one attendance only, it being generally found that the medicine, etc., prescribed at each out-door attendance represent about 3 "Medicine days" on an average.

Name of department.	New admission.	Old cases.	Total Attendance.
Medical	23,905	35,768	59,673
Surgical	13,304	41,998	55,302
Ophthalmic	5,959	11,105	17,064
Gynaecology	2,230	7,435	9,665
Dental	4,087	2,312	6,399
Skin and Venereal	8,071	25,865	33,936
Aural	4,629	11,574	16,203
	62,185	1,36,057	1,98,242

APPENDIX 3.

CHART ILLUSTRATING OUT-PATIENT ATTENDANCE AND IN-PATIENT ADMISSIONS BY MONTHS FOR THE YEARS 1931, 1932 & 1933.



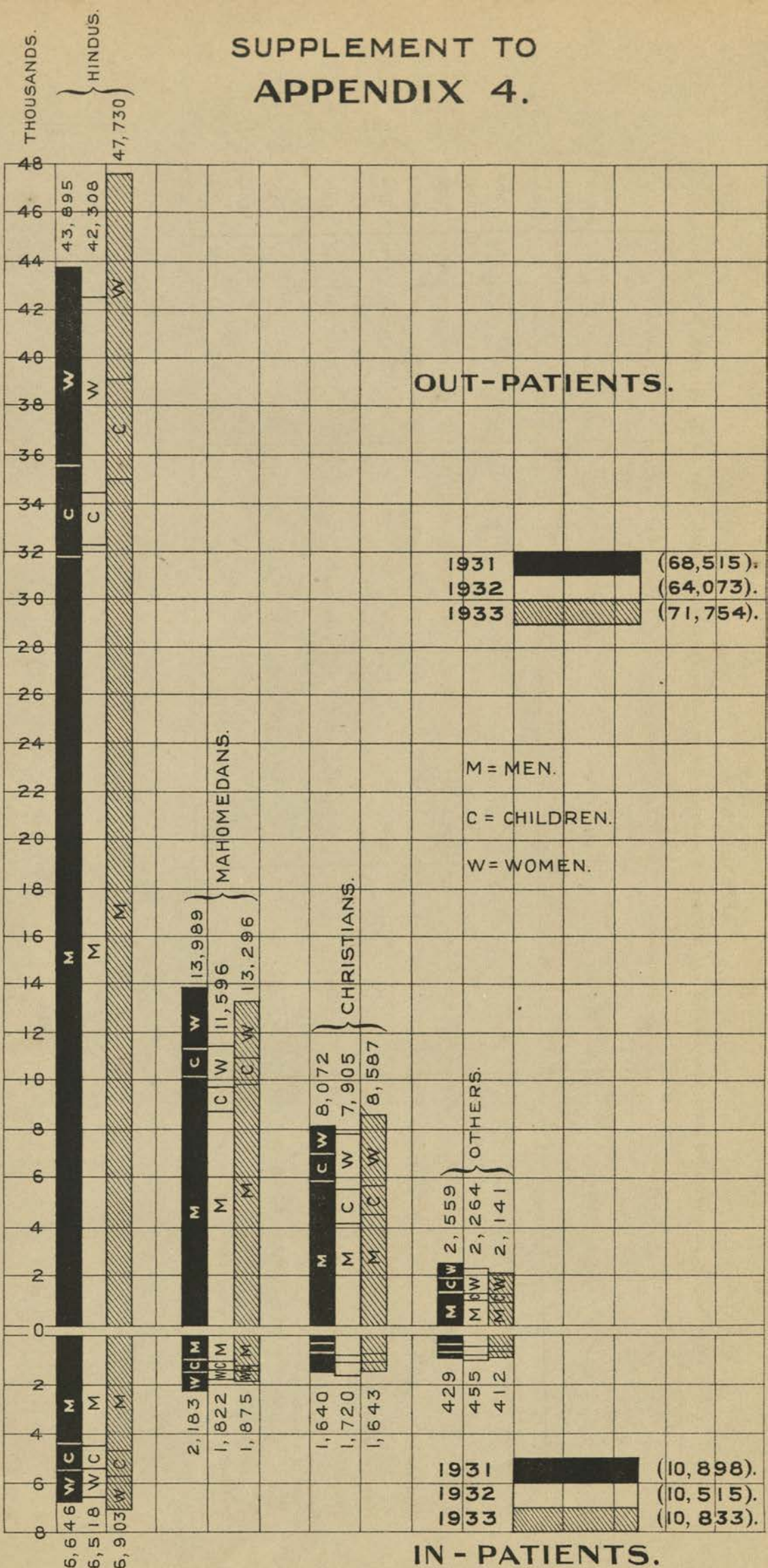
THE TIMES OF INDIA PRESS, BOMBAY.

APPENDIX No. 4.

Summary of patients treated at the King Edward VII Memorial Hospital according to Sex, Age and Caste, with results for the year 1933.

		Hindus.				Musalmans.				Christians.				Others.				Total.				Total of patients.
		Men.	Women.	Children.		Men.	Women.	Children.		Men.	Women.	Children.		Men.	Women.	Children.		Men.	Women.	Children.		
				Male.	Female.			Male.	Female.			Male.	Female.			Male.	Female.			Male.	Female.	
Remained	In-patients.	140	60	9	4	43	12	..	4	20	21	4	4	8	6	..	..	211	99	13	12	335
Admitted	In-patients.	4,536	1,565	339	250	1,327	343	85	61	777	578	131	108	191	138	34	35	6,831	2,624	589	454	10,498
	Out-patients.	34,820	8,787	2,370	1,753	9,912	2,262	609	513	4,591	2,965	545	486	962	856	182	141	50,285	14,870	3,706	2,893	71,754
Total treated ..	In-patients.	4,676	1,625	348	254	1,370	355	85	65	797	599	135	112	199	144	34	35	7,042	2,723	602	466	10,833
	Out-patients.	34,820	8,787	2,370	1,753	9,912	2,262	609	513	4,591	2,965	545	486	962	856	182	141	50,285	14,870	3,706	2,893	71,754
Discharged cured ..	In-patients.	1,451	564	110	76	413	112	18	16	248	263	64	43	55	47	18	20	2,167	986	210	155	3,518
Relieved	In-patients.	1,945	602	224	100	612	134	42	31	291	245	49	48	100	74	11	8	3,048	1,055	226	187	4,516
Discharged otherwise or absconded	In-patients.	616	223	74	43	197	58	17	11	75	42	11	11	31	19	2	6	919	342	104	71	1,436
Died	In-patients.	494	171	32	29	119	35	6	3	65	27	9	8	8	..	3	1	686	233	50	41	1,010
Remaining ..	In-patients.	171	64	8	6	29	16	2	4	19	21	2	2	5	4	..	..	224	105	12	12	353

SUPPLEMENT TO APPENDIX 4.



FIGURES IN BRACKETS REPRESENT TOTAL NUMBER OF PATIENTS TREATED IN THE YEARS 1931, 1932 & 1933 RESPECTIVELY.

THE TIMES OF INDIA PRESS, BOMBAY.

APPENDIX No. 5.

Summary of patients treated according to nature of diseases for the year 1933.

Names of Diseases.	In-patients.								Out-patients admitted.
	Re-mained.	Admit-ted.	Total.	Discharged.					
				Cured.	Re-lieved.	Other-wise.	Died.	Remain-ing.	
Diseases caused by Infection.									
Cholera, Asiatic	..	..	..	..	..	..	..	..	3
Dysentery	..	162	162	46	66	18	28	4	786
Enteric fever	2	109	111	52	7	4	45	3	117
Gonococcal Infection	8	57	65	11	47	3	..	4	1,146
Syphilis (Primary and Secondary)	4	102	106	1	85	10	4	6	1,296
Leprosy	..	7	7	..	2	5	..	..	108
Malaria	7	418	425	166	223	25	4	7	4,085
Plague	..	2	2	..	..	2	..	..	2
Influenza	1	134	135	85	44	5	..	1	666
Relapsing fever	..	..	..	..	..	..	..	..	1
Pneumococcal infection of the Lungs.	16	327	343	182	38	7	109	7	378
Pyrexia of uncertain origin ..	..	32	32	15	7	5	3	2	430
Rheumatic fever	1	35	36	16	16	2	..	2	561
Small-pox	..	31	31	..	1	30	..	..	55
Tuberculosis of the Lungs ..	15	445	460	56	171	169	45	19	1,337
Other Tubercular diseases ..									
Animal Parasites.									
Ankylostoma	..	42	42	8	30	3	1	..	31
Round Worms	..	4	4	1	3	..	..	..	73
Other Worms	1	77	78	24	39	14	..	1	3,520
All other Infective diseases ..	7	186	193	60	34	9	82	8	283
Other General diseases.									
Anæmia	10	333	343	19	193	59	50	22	875
Diabetes	3	70	73	10	42	12	5	4	68
Scurvy	..	3	3	1	2	..	..	..	3
Rickets	2	12	14	3	8	3	..	..	128
Diseases of the ductless or endocrine glands	2	12	14	4	6	2	1	1	34
New growth.									
Non-malignant	6	114	120	59	35	19	6	1	251
Malignant	13	197	210	20	68	66	43	13	264
All other general diseases ..	3	76	79	28	34	11	2	4	209

APPENDIX No. 5—*contd.*

Summary of patients treated according to nature of diseases for the year 1933—contd.

Names of Diseases.	In-patients.								Out-patients admitted.
	Re-mained.	Admit-ted.	Total.	Discharged.					
				Cured.	Re-lieved.	Other-wise.	Died.	Remain-ing.	
SYSTEMATIC DISEASES.									
Diseases of the Nervous System.									
Diseases of the nerves, spinal cord, brain and meninges ..	6	158	164	8	74	27	49	6	640
Diseases of which the pathological basis is not accurately known ..	14	295	309	20	170	92	17	10	1,063
Mental diseases	..	6	6	1	..	5	..	..	12
Diseases of the Eye	9	606	615	434	107	59	..	15	4,075
Diseases of the Ear	1	66	67	8	41	7	4	7	1,246
Diseases of the Nose	5	270	275	42	218	11	1	3	899
Diseases of the Circulatory System	15	333	348	24	150	47	113	14	433
All diseases of the Respiratory System except Pneumonia and Tuberculosis of the Lungs ..	11	402	413	112	175	53	67	6	3,123
Diseases of the stomach	3	141	144	20	96	23	5	..	1,799
Diseases of Intestines	20	645	665	352	194	60	41	18	2,414
Inflammatory diseases of the Liver, Acute and chronic ..	6	118	124	16	66	19	20	3	161
All other diseases of the Liver ..	1	48	49	5	27	4	11	2	66
All other diseases of the Digestive System	17	1,011	1,028	449	475	56	35	13	5,703
Acute or suppurative inflammation of the Lymphatic glands ..	..	45	45	13	25	5	1	1	454
Acute and chronic nephritis ..	3	75	78	12	26	16	20	4	63
All other diseases of the Urinary Organs	2	270	272	58	130	61	13	10	476
Other diseases of the Generative System	29	715	744	436	209	55	14	30	2,782
Diseases of the Organs of Locomotion	9	238	247	62	123	38	6	18	1,405
Diseases of the Areolar tissue ..	13	457	470	150	261	30	18	11	1,686
Inflammation, ulcerative	3	97	100	35	54	6	3	2	2,257
Other diseases of the Skin ..									
All other local diseases	35	473	508	120	166	179	22	21	14,991
General and Local.									
Injuries (General and Local) ..	32	925	957	214	498	95	100	50	8,596
Poisoning.									
By opium	..	26	26	14	1	..	11	..	18
By other means	..	83	83	44	25	3	11	..	520
Labour.									
Pregnancy	..	8	8	2	4	2	..	..	162
Total number of in-patients ..	335	10,498	10,833	3,518	4,516	1,436	1,010	353	71,754

APPENDIX No. 6.

Classification of Operations performed in the Surgical Department during the year 1933.

Nature of Operation.	In-patients.										Out-patients operated on.
		Operations.				Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
TUMOURS—											
Excision of—											
Lipoma	..	4	..	4	4	3	1	..	..	..	11
Fibroma	..	5	..	5	5	4	..	1	..	..	10
Neuro-Fibroma	..	3	1	4	3	2	1	..	..	..	2
Chondroma	..	..	..	..	..	..	..	..	..	..	3
Osteoma	..	1	..	1	1	1	..	..	..	..	..
Angioma	..	1	..	1	1	1	..	..	..	..	1
Papilloma	..	..	..	..	..	..	..	..	..	..	1
Adenoma	1	..	..	..	..	1	..	..	..	..	..
Endothelioma	..	1	..	1	1	1	..	..	..	..	..
Carcinoma	1	1	..	1	1	..	1	..	1	..	..
Rodent Ulcer	1	..	..	..	..	1	..	..	..	..	..
Granuloma	..	2	..	2	2	2	..	..	..	..	..
CYSTS—											
Removal of—											
Sebaceous cyst	..	2	..	2	2	..	2	..	..	..	24
Dermoid	..	..	..	..	..	..	..	..	..	..	5
Cystic Hygroma	..	2	..	2	2	..	2	..	..	..	..
Parasitic cyst	..	1	..	1	1	1	..	..	..	..	..
Destruction by—											
Diathermy	..	1	..	1	1	..	1	..	..	..	..
ABSCESS—											
Acute abscess-Incision and drainage	7	128	12	140	128	37	83	5	4	6	460
Chronic Abscess Aspiration	..	1	24	4	28	24	6	13	5	1	..	40
Arteries—											
Ligature for Haemorrhage	..	..	4	..	4	4	1	3	..	..	..	..
Injection of Alcohol into arterial sheath	..	..	1	..	1	1	1	..	..	..	..	..
ANEURYSM—											
Ligature of Artery Proximal	..	..	1	..	1	1	1	..	..	..	..	..
VEINS—											
Ligature	..	..	2	..	2	2	1	1	..	..	..	..
Resection	..	..	..	..	..	..	..	..	..	..	..	..

APPENDIX No. 6—*contd.*

Classification of Operations performed in the Surgical Department during the year 1933—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
		Operations.				Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Trendenburg's operation for Varicosity	..	2	..	2	2	2	..	..	..	..	..
Lymphatic system and Lymphatic Glands—											
Excision of Lymphatic Glands for—											
Tuberculosis	1	29	..	29	29	15	13	..	1	1	1
Cancer	1	..	..	..	..	..	1	..	..	..	..
Lymphangioma—Excision	..	1	..	1	1	..	1	..	..	..	..
Incision and scraping Tuberculous glands	..	1	..	1	1	..	1	..	..	..	2
Incision and drainage for Suppurative glands	..	1	..	1	1	..	1	..	..	..	77
Lymphangiocele of spermatic cord .	1	1	..	1	1	1	1	..	..	..	..
Skin and Subcutaneous tissues—											
Excision of cicatrix	1	8	..	8	8	5	4	..	..	..	6
Plastic operation for deformity or malformation	..	10	..	10	10	4	4	..	..	2	1
Whitlow Incision	..	..	..	..	..	..	..	..	..	..	68
Scraping ulcer for sinus	..	12	2	14	12	6	5	..	1	..	77
Cauterisation	..	..	2	2	..	..	..	..	..	..	..
Linear sacrification	..	..	..	..	..	..	..	..	..	..	..
Excision of ingrowing toe nail ..	..	..	..	..	..	..	..	..	..	..	11
Suture of wounds	1	9	8	17	9	4	3	..	3	..	8
Removal of foreign body	..	3	..	3	3	2	1	..	..	..	24
Excision of corns and warts ..	..	2	..	2	2	1	1	..	..	..	6
Onychia-Incision	..	..	..	..	..	..	..	..	..	..	3
Scraping ulcers or sinus of tuberculous origin	..	2	2	4	2	..	2	..	..	..	4
Skin grafting—											
Thiersch's Method	..	2	15	17	2	1	1	..	..	..	..
Reverdin's Method	..	1	1	2	1	..	1	..	..	..	..
Wolfe's Method	..	1	3	4	1	1	..	..	..	..	..
Pediele graft	..	1	1	2	1	..	1	..	..	..	..
Incision for—											
Cellulitis	1	46	2	48	46	9	28	2	7	1	17
Boils	..	1	..	1	1	..	1	..	..	..	7
Haematoma	..	1	..	1	1	..	..	1	..	..	..

APPENDIX No. 6—*contd.*

Classification of Operations performed in the Surgical Department during the year 1933—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
	Remained as per last report.	Operations.				Results.					
		Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Carbuncle	1	6	..	6	6	2	4	..	1	..	1
Guinea worm cellulitis	..	1	..	1	1	1	..	..	..	..	7
Rat-Bite	..	..	..	..	..	..	..	..	..	..	2
Gangrene and gangrenous ulcers	1	3	..	3	3	1	3	..	..	..	..
Muscles, Tendons Bursa and Fascia—											
Tonotomy	1	1	..	1	1	1	1	..	..	..	..
Tendon Transplantation	..	1	..	1	1	1	..	..	..	..	..
Incision of Bursa	..	3	..	3	3	1	2	..	..	..	2
Amputations—											
For injury to—											
Fore-arm, upper third	..	1	..	1	1	..	..	..	1	..	..
Finger	..	4	..	4	4	1	3	..	..	..	2
Phalanges	..	1	..	1	1	..	1	..	..	..	..
Thigh, lower third	..	1	1	2	1	1	..	..	..	..	..
Leg, upper third	..	1	..	1	1	1	..	..	..	..	..
Leg, middle third	..	2	..	2	2	2	..	..	..	..	..
Foot	..	2	..	2	2	1	1	..	..	..	..
Meta-Tarsus	1	..	..	..	..	1	..	..	..	..	..
Toes	..	1	..	1	1	1	..	..	..	..	1
For Disease—											
Arm, middle third	..	3	..	3	3	2	1	..	..	..	..
Thigh, middle third	..	3	..	3	3	1	..	..	2	..	..
Thigh, lower third	1	1	1	2	1	1	..	..	1	..	..
Knee	..	..	1	1	..	..	..	..	..	..	..
Ankle	2	..	..	..	..	2	..	..	..	..	..
Leg, upper third	1	3	..	3	3	4	..	..	..	..	..
Leg, middle third	..	2	2	4	2	1	..	..	1	..	..
Leg, lower third	..	1	..	1	1	1	..	..	..	..	..
Foot	..	1	..	1	1	1	..	..	..	..	..
Skull, Brain, spinal cord and Nervous system—											
Trephining	..	10	1	11	10	2	2	..	5	1	..
Elevation of depressed bone	..	7	..	7	7	2	3	..	1	1	..

APPENDIX No. 6—*contd.*

Classification of operations performed in the Surgical Department during the year 1933—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Evacuation of Brain Abscess	..	1	..	1	1	..	1	..	..	..	..
Neurectomy	1	1	..	1	1	..	2	..	..	..	..
Stretching	..	1	..	1	1	..	..	1	..	..	..
Excision of sympathetic nerve ..	..	7	1	8	7	1	5	..	1	..	..
Phrenectomy	..	2	..	2	2	..	2	..	..	..	..
Spine—											
Laminectomy	1	8	..	8	8	..	4	2	3	..	..
Albee's bone grafting for T. B. Spine	1	3	..	3	3	1	3	..	..	..	..
Bones—											
Osteotomy	2	..	..	..	..	2	..	..	..	..	..
Osteotomy for genu vulgum	1	4	..	4	4	5	..	..	..	..	..
Correction of deformity by fracture ..	..	1	..	1	1	1	..	..	..	..	..
Sequestrotomy	4	21	5	26	21	8	13	1	1	2	2
Incision for osteomyetitis	2	32	5	37	32	10	19	..	2	3	7
Scraping T. B. Sinus	1	8	1	9	8	5	4	..	..	..	2
Setting of fractures—											
By closed method	..	7	1	8	7	1	5	1	..	..	..
,, open method	1	2	..	2	2	..	2	1	..	..	..
,, wiring	1	13	2	15	13	8	3	..	2	1	..
,, plating	2	2	..	2	2	2	2	..	..	..	..
,, extracapsular suture	..	..	1	1	..	..	..	..	..	..	..
,, simple approximation	1	3	1	4	3	3	..	..	..	1	..
Bone grafting	2	14	4	18	14	6	2	1	2	5	..
Setting by putting up plaste Paris	2	1	..	1	1	1	2	..	..	..	..
Removal of—											
Plastering for Torticollis and Genu Vulgum	1	36	13	49	36	8	28	..	..	1	13
Joints—											
Operation for recurrent dislocation of shoulder joint	..	2	..	2	2	2	..	..	..	..	..
Reduction of dislocation of Finger ..	..	3	..	3	3	3	..	..	..	..	..
Reduction of dislocation of Hip ..	..	1	..	1	1	1	..	..	..	..	..

APPENDIX 6—*contd.*

Classification of operations performed in the Surgical Department during the year 1933—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Incision of joint	..	3	2	5	3	1	..	1	..	1	..
Excision of joint	2	21	..	21	21	11	4	2	2	4	1
Breaking down adhesions	..	1	1	2	1	..	1	..	..	..	2
Ductless Glands—											
Thyroid—											
Partial Excision of thyroid ..	1	6	..	6	6	3	2	1	1	..	..
Thyridectomy	..	1	..	1	1	..	..	..	..	1	..
Removal of new growth malignant .	..	1	..	1	1	1	..	..	..	..	..
Acute abscess-Incision and drainage	1	4	..	4	4	2	3	..	..	..	1
Excision of Benign tumour ..	..	1	..	1	1	1	..	..	..	..	1
Radical cure for Carcinoma ..	..	13	..	13	13	8	4	..	1	..	..
Amputation of chronic mastitis ..	..	1	..	1	1	1	..	..	..	..	..
Amputation of Gynaecomastia ..	..	..	..	..	..	..	..	..	..	..	2
Thoracic Cavity—											
Aspiration of empyema	..	1	..	1	1	..	1	..	..	..	..
Thoracotomy	..	1	..	1	1	..	..	..	1	..	..
Artificial Pneumothorax for T. B. Lungs	..	2	..	2	2	..	1	1	..	..	..
Excision of ribs	1	..	..	..	..	..	1	..	..	..	..
Abdomen—											
Incision of abscess—											
Abdominal wall	..	..	..	..	..	..	..	..	..	..	3
Laparotomy—											
For malignant disease	..	3	..	3	3	..	..	1	2	..	..
For T. B. Intestines	..	1	1	2	1	1	..	..	..	..	..
For Perforative Peritonitis	..	2	..	2	2	2	..	..	..	..	..
For removal of Adhesive bands ..	..	3	..	3	3	2	..	..	1	..	..
For internal Haemorrhage	..	1	..	1	1	..	..	..	1	..	..
For Volvulus	..	1	..	1	1	..	..	..	1	..	..
For drainage of abdominal cavity ..	3	32	..	32	32	9	5	4	17	..	..
Stomach and Intestines Gastrostomy	..	7	1	8	7	..	2	..	4	1	..

APPENDIX No. 6—*contd.*

Classification of operations performed in the Surgical Department during the year 1933—contd.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Gastrostomy for cancer	..	6	..	6	6	2	..	..	4	..	..
Gastro-enterostomy for Gastric ulcer	2	8	..	8	8	4	2	..	4	..	..
Gastro-enterostomy for cancer ..	..	1	1	2	1	..	..	..	1	..	..
Colostomy	..	5	..	5	5	..	2	..	2	1	..
Ileo-colostomy	..	7	1	8	7	3	1	1	2	..	..
Intestinal Anastomosis Lateral ..	..	4	..	4	4	3	1	..	..	..	..
Appendicectomy for acute Appendicitis	..	3	..		3	3	..	..	..	..	..
Appendicectomy for sub-acute Appendicitis	2	67	1	68	67	59	6	..	4	..	..
Appendicular abscess Incision and drainage	..	5	..	5	5	4	..	..	1	..	..
External Hernia—											
For strangulated—Inguinal ..	2	24	..	24	24	21	3	..	2	..	..
For strangulated—Umbilical ..	..	1	..	1	1	1	..	..	..	..	..
For strangulated—Femoral ..	..	1	..	1	1	..	..	..	1	..	..
Radical cure—Inguinal	8	138	..	138	138	128	10	1	3	4	..
Radical cure—Ventral	..	7	..	7	7	5	2	..	..	..	..
Radical cure—Femoral	..	1	..	1	1	1	..	..	..	..	..
Sigmoidoscopy	..	3	..	3	..	..	..	..	..	..	1
Proctoscopy	..	..	..	..	..	..	..	..	..	..	1
Plastic operations on Recto-Anal Canal—											
Plastic operation for congenial malformations	..	1	1	2	1	..	..	..	1	..	..
For Fistula in ano	1	40	2	42	40	26	13	..	..	2	1
Haemorrhoids—Ligature and Excision	3	50	..	50	50	43	8	..	2	..	6
Haemorrhoids—Injection of Carbolic acid	..	6	3	9	6	..	5	..	..	1	44
Polypus—Excision	..	2	..	2	2	2	..	..	..	..	..
Prolapse of rectum	1	1	..	1	1	..	1	1	..	..	..
Dilatation of Rectal Stricture ..	..	1	..	1	1	..	..	..	1	..	1
Excision of Rectum Partial ..	..	3	..	3	3	1	2	..	..	..	..
Excision of Rectum complete ..	..		1	3	2	2	..	..	..	..	..
Ischio-Rectal abscess—Incision—Drainage	..	6	1	7	6	1	4	..	1	..	16
Perianal abscess				4	4	..	3	..	..	1	13

APPENDIX No. 6—*contd.*

Classification of Operations performed in the Surgical Department during the year 1933.—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Liver and Billiary Apparatus—											
Liver Abscess—Aspiration	..	5	1	6	5	1	3	..	1	..	..
Liver Abscess—incision and drainage	..	3	..	3	3	..	2	..	..	1	..
Cholecystostomy	..	1	..	1	1	1	..	..	..	..	..
Cholecystectomy	1	5	..	5	5	2	3	..	1	..	..
Splenectomy for rupture	..	2	..	2	2	..	..	..	2	..	..
Kidney and Ureters—											
Nephropexy	..	1	..	1	1	1	..	..	..	..	..
Nephrolithotomy	1	2	..	2	2	3	..	..	..	..	..
Nephrectomy	..	5	1	6	5	4	..	..	1	..	..
Pyonephrosis—Incision and Drainage	..	2	..	2	2	..	..	..	1	1	..
Plastic operation on ureter	..	1	..	1	1	1	..	..	..	..	..
Pyelography	..	2	..	2	2	..	..	..	..	..	..
Perinephric abscess	..	1	..	1	1	1	..	..	..	..	..
Bladder—											
Suprapubic puncture aspiration or Trocar	..	1	..	1	1	..	..	..	1	..	..
Cystotomy Suprapubic	1	21	3	24	21	7	7	..	4	4	..
Lithotomy Suprapubic	2	25	1	26	25	18	4	1	2	2	..
Lithotrity	..	..	1	1	..	..	..	..	..	..	..
Cystoscopy	..	1	..	1	1	..	..	..	..	..	..
Removal of prostate, perineal	..	1	..	1	1	..	..	..	1	..	..
Removal of prostate, suprapubic	..	..	1	1	..	..	..	..	..	..	..
Prostatectomy	..	..	1	1	..	..	..	..	..	..	..
Sounding of stones	..	..	..	..	..	..	..	..	..	..	7
Suture of rupture, Urethra	..	1	..	1	1	..	1	..	..	..	..
Plastic operations	..	2	..	2	2	2	..	..	..	..	..
Dilation of stricture, gradual	..	5	5	10	5	1	4	..	..	..	10
Dilation of stricture, rapid	..	..	1	1	..	..	..	..	..	..	1
Urethrotomy—Internal	..	1	..	1	1	..	1	..	..	..	..
Urethrotomy—External	..	12	2	14	12	7	2	1	..	2	..
Extravasation of Urine	..	1	..	1	1	..	1	..	..	..	..

APPENDIX No. 6—*contd.*

Classification of Operations performed in the Surgical Department during the year 1933—contd.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Removal of calculus from Urethra	..	2	..	2	2	1	..	..	..	..	..
Urethroscopy	..	3	1	4	3	..	..	..	..	..	..
Meatotomy	..	1	..	1	1	..	1	..	..	..	7
Incision and Drainage for peri-urethral abscess	..	4	..	..	4	2	2	..	..	..	2
Catheterising for retention of urine	..	1	2	3	1	1	..	..	..	..	..
Male Generative organs.											
Circumcision	..	3	..	3	3	2	1	..	..	..	105
Paraphimosis—Dorsal incision ..	..	..	..	..	..	..	..	..	..	..	10
Amputation of penis—Partial ..	1	..	..	..	..	1	..	..	..	..	..
Amputation complete for phagedina	..	1	..	1	1	1	..	..	..	..	..
Amputation of penis complete for carcinoma	..	1	..	1	1	1	..	..	..	..	..
Orchidopexy	..	2	..	2	2	1	1	..	..	..	..
Orchidectomy-Tuberculosis ..	1	..	..	..	..	..	..	..	..	..	..
Orchidectomy-Gangrene or sepsis ..	..	1	..	1	1	..	1	..	..	..	..
Orchidectomy- New Growth ..	..	1	..	1	1	..	1	..	..	..	..
Aspiration Tunica Veginalis ..	..	..	..	..	..	..	..	..	..	..	389
Implantation of retained Testis ..	..	1	..	1	1	1	..	..	..	..	..
Hydrocele—Eversion of the sac. ..	2	35	..	35	35	25	12	..	..	..	..
Hydrocele—Partial excision of sac.	..	81	..	81	81	69	10	1	..	1	2
Haematocele—Incision with eversion or excision of sac.	2	1	..	1	1	3	..	..	..	..	..
Pyecele—Incision and Drainage ..	..	23	3	26	23	8	15	..	..	..	..
Varicocele	..	2	..	2	2	2	..	..	..	..	..
For elephantisasis scrotum	..	4	..	4	4	3	1	..	..	..	..
Section taking for Pathological examination	1	12	2	14	12	..	4	8	..	1	5
Cheiloplasty	..	1	1	2	1	1	..	..	..	..	..
Harelip	..	5	..	5	5	5	..	..	..	..	..
Cleft palate	..	3	..	3	3	3	..	..	..	..	..
Excision of growth	..	1	1	2	1	..	..	1	..	..	..

APPENDIX No. 6—*contd.*

Classification of Operations performed in the Surgical Department during the year 1933—contd.

Nature of Operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Epulis	..	1	..	1	1	1	..	..	..	..	...
Ranula	..	..	..	..	..	..	..	..	..	..	.. 1
Excision of tongue, partial	..	4	1	5	4	..	2	..	2	..	...
Excision of tongue, complete ..	..	3	..	3	3	..	..	..	3	..	..
Tonsillectomy	..	1	..	1	1	1	..	..	..	..	...
Extraction of teeth	...	1	..	1	1	..	1	..	..	..	1,678
Opening of mastoid antrum (Stake's) Removal of mastoid cell (Schwatz's)	...	1	..	1	1	1	..	..	..	..	...
Tracheotomy	..	2	..	2	2	..	2	..	..	..	..
Laryngectomy	...	1	2	3	1	..	..	..	1	..	...
	87	1,357	141	1,498	1,357	752	471	46	122	53	3,218

APPENDIX No. 7.

Classification of Operations performed in the Gynaecological Department during the year 1933.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Operations of the female Generative organs—											
Salpingo-oopherectomy	..	18	..	18	18	15	2	..	1	1	..
Operation involving abdominal section or puncture	..	11	1	12	11	5	4	..	1	1	..
Ovariotomy-single	1	4	..	4	4	4	..	..	1	..	..
Removal of ovarion cyst	..	5	..	5	5	5	..	..	..	..	..
Removal of Bartholin cyst	..	1	..	1	1	..	..	..	1	..	..
Oopherectomy-single	..	2	..	2	2	2	..	..	..	..	..
Incision and drainage of Pyo-salpinx ..	..	1	..	1	1	..	..	..	1	..	..
Removal of cyst in broad ligaments ..	..	1	..	1	1	1	..	..	..	..	..
Removal of Foetus in ectopic gestation	..	2	..	2	2	1	..	..	1	..	..
Removal of uterus complete	..	11	..	11	11	9	1	..	1	..	..
Removal of Pedunculated Myoma or enucleation of sessile from uterus ..	..	8	..	8	8	5	3	..	..	..	..
Removal of new growth from vagina	..	2	..	2	2	..	1	1	..	..	..
Shortening of round ligaments for retroversion	..	1	..	1	1	..	1	..	..	..	..
Removal of Fibroid from uterus ..	..	3	..	3	3	3	..	..	..	..	..
Ventral fixation of uterus	..	8	5	13	8	6	2	..	..	..	..
Ventral suspension	7	93	..	93	93	90	8	..	..	2	..
Operation on the Vagina or Valva—											
Removal of cervix uteri	..	3	..	3	3	1	1	..	1	..	..
Removal of Polypus	1	..	..	..	..	1	..	..	..	..	..
Dilatation and Curettage	1	112	..	112	112	77	33	1	..	2	..
Salpingectomy-single	..	2	..	2	2	2	..	..	..	..	..
Salpingectomy-Double	..	2	..	2	2	2	..	..	..	..	..
Curetting of uterus	..	1	..	1	1	..	1	..	..	..	..
Supra-vaginal Hysterectomy	2	16	..	16	16	18	..	..	..	..	..
Pan-Hysterectomy	..	2	..	2	2	..	..	..	..	2	..
Colporrhaphy	..	5		6	5	4	1	..	..	..	..
Repair for vasico-vaginal fistula ..	..	7		8	7	..	5	..	..	2	..
Perineorrhaphy	1	13	2	15	13	12	1	..	..	1	..
Incision for peivic abscess	..	2	..	2	2	1	..	..	1	..	
Obliteration of vagina	..	5	..	5	5	5	..	..	..	..	..

APPENDIX No. 7—*contd.*

Classification of Operations performed in the Gynaecological Department during the year 1933—contd

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remained under treatment.	
REMOVAL OF—											
Sebaceous Cyst	..	2	..	2	2	1	1	..	..	..	..
DESTRUCTION BY—											
Diathermy	1	..	..	..	..	..	..	1	..	..	..
Acute abscess-Incision and drainage ..	..	2	..	2	2	2	..	..	..	..	..
Plastic operation for deformity or malformation	..	2	4	6	2	1	1	..	..	..	..
Cauterisation	..	2	..	2	2	..	2	..	..	..	..
Suture of wounds	..	..	3	3	..	..	..	..	..	..	..
STOMACH AND INTESTINES—											
Appendicectomy for sub-acute appendicitis	..	2	..	2	2	..	1	..	..	1	..
Sigmoidoscopy	..	1	..	1	1	..	..	..	..	..	..
BLADDER—											
Lithotomy, suprapubic	1	..	..	..	..	1	..	..	..	..	..
Cystoscopy	..	2	1	3	2	..	..	..	..	..	..
	15	1,354	18	372	354	274	71	4	8	12	..

APPENDIX No. 8.

Classification of Operations performed in the Ophthalmic Department during the year 1933.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
For Cataract—											
Extra Capsular extraction without Iridectomy	2	129	11	140	129	119	4	3	..	5	..
Extra capsular extraction with Iridectomy	4	157	20	177	157	144	6	4	2	5	..
Intra capsular extraction without Iridectomy	..	10	..	10	10	9	1	..	..	..	..
Intra capsular extraction with Iridectomy	..	14	1	15	14	13	..	..	1	..	..
Couching	..	3	..	3	3	2	..	1	..	..	..
Discission opaque capsule	..	23	29	52	23	19	2	1	..	..	..
Iridectomy—											
Preliminary to cataract extraction	..	2	1	3	2	1	1	..	..	..	..
Optical	..	47	6	53	47	26	18	2	..	1	..
Glaucoma	..	3	..	3	3	..	2	..	..	1	..
Prolapsed Iris	..	3	5	8	3	2	1	..	..	..	..
Iridotomy	..	2	..	2	2	2	..	..	..	..	..
Iridectomy	..	14	1	15	14	7	6	1	..	..	..
Iridectomy Dialysis	..	2	..	2	2	1	1	..	..	..	..
Cauterisation of Prolapsed Iris	..	..	1	1	..	..	..	..	..	..	..
For Glaucoma—											
Selerotomy-Anterior	..	..	1	1	..	..	..	..	..	..	..
Selerotomy-Posterior	..	1	..	1	1	..	1	..	..	..	..
Selero-Corneal Triphining	..	8	..	8	8	7	1	..	..	..	..
Evisceration	..	7	..	7	7	6	1	..	..	..	..
Conjunctiva—											
Expression of tract Follicles	..	..	..	..	..	..	..	..	..	..	17
Pterygium	..	1	..	1	1	..	1	..	..	..	15
Symblepharon	..	..	..	..	..	..	..	..	..	..	1
Foreign bodies	..	..	..	..	..	..	..	..	..	..	79
Cornea—											
Galvano Cauterisation	..	..	..	..	..	..	..	..	..	..	6
Paracentesis	..	1	..	1	1	..	..	1	..	..	..
attooing	..	..	..	..	..	..	..	..	..	..	1
Electro cauterisation (ulcers)	..	..	..	..	..	..	..	..	..	..	5
Carbolizing the corneal ulcer	..	..	1	1	..	..	..	..	..	..	1

APPENDIX No. 8—*contd.*

Classification of Operations performed in the Ophthalmic Department during the year 1933—contd.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Eye Lids—											
Tumours	..	1	..	1	1	1	..	..	..	..	..
Entropian	..	7	1	8	7	5	1	..	..	1	11
Ectropian	..	..	..	..	..	..	..	..	..	..	1
Abscess	..	2	..	2	2	..	1	..	1	..	5
Hordeolum	..	..	..	..	..	..	..	..	..	..	29
Chalazion	..	..	..	..	..	..	..	..	..	..	56
Epilation	..	..	..	..	..	..	..	..	..	..	26
Lacrymal Apparatus—											
Abscess	..	..	..	..	..	..	..	..	..	..	11
Excision of Sac	..	24	1	25	24	20	2	1	..	1	..
Excision of Lacrymal Gland	..	..	..	..	..	..	..	..	..	..	1
Incision of acute Dacry-cystitis	..	1	..	1	1	1	..	..	..	..	6
Plastic operation of socket	..	1	..	1	1	1	..	..	..	..	..
Exenteration of socket	..	3	..	3	3	..	3	..	..	..	..
Enucleation of eye	..	3	4	7	3	1	2	..	..	..	..
Multiple incision for orbital cellulitis	..	..	1	1	..	..	..	..	..	..	..
..											
..	6	469	84	553	469	387	55	14	4	15	279

..

..

..

APPENDIX No. 9.

Classification of Operations performed in the Ear, Nose and Throat Department during the year 1933.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
Operation on External Nose and Nasal Cavities—											
Fracture of nasal bones (rectified) ..	..	1	..	1	1	..	1	..	..	..	..
Rhinoplasty	..	1	5	6	1	..	1	..	..	..	..
Abscess Haematoma, Septum	..	1	..	1	1	1	..	..	..	..	..
Cauterisation, inferior turbinate bone..	..	1	2	3	1	..	1	..	..	..	175
Middle turbinectomy	..	7	..	7	7	..	7	..	..	..	1
Submucous resection of nasal septum	1	98	1	99	98	32	66	..	..	1	..
Nasal Polypi	..	1	..	1	1	..	1	..	..	..	2
Bone graft for Atrophie Rhinitis ..	..	11	..	11	11	..	11	..	..	..	—
Simple tumours removed	..	6	..	6	6	2	4	..	..	..	3
Radical removal of malignant tumours	..	1	..	1	1	1	..	..	..	..	—
Operations on the Accessary Nasal Sinuses—											
Intra Nasal operation, maxillary antrum	..	38	..	38	38	3	34	1	..	..	490
Radical operation on Maxillary Antrum	3	82	..	82	82	10	74	1	..	..	1
Frontal Sinus (Intra-Nasal)	1	4	..	4	4	..	5	..	..	..	1
Frontal Sinus (External)	..	2	1	3	2	..	2	..	..	..	—
Ethmoid cells Scraping	..	22	..	22	22	..	22	..	..	..	—
Operations on the Mouth Fauces Pharynx and Naso-Pharynx—											
Tonsils or Adenoids or both removed	1	542	..	542	542	244	295	2	2	..	—
Tonsils dissected out	..	135	..	135	135	79	56	..	..	..	—
Peritonsillar Abscess opened	..	4	..	4	4	2	2	..	..	..	8
Cautery, Pharynx	..	..	..	..	..	..	..	..	..	..	1
Uvulectomy	..	..	..	..	..	..	..	..	..	..	6
Direct Examination and operations upon the Larynx, Trachea and Bronchi—											
Tracheotomy	..	3	..	3	3	..	1	..	1	1	—
Bronchoscopy (F. B. removed) ..	..	..	..	..	..	..	..	..	..	..	1
Bronchoscopy (For examination) ..	..	1	..	1	1	..	..	..	..	..	..
Direct Laryngoscopy	..	7	1	8	7	..	..	..	..	..	9

APPENDIX 9—*contd.*

Classification of Operations performed in the Ear, Nose and Throat Department during the year 1933—contd.

Nature of operation.	In-patients.										Out-patients operated on.
	Operations.					Results.					
	Remained as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.	Remaining under treatment.	
OPERATIONS ON THE EAR—											
Foreign bodies removed	..	..	..	..	..	..	..	..	..	..	1
Paracentasis (Myringectomy)	..	2	..	2	2	1	..	1	..	..	14
Granulations curetted and aural polypi removed	..	..	..	..	..	..	..	..	..	..	10
Classical Mastoid operations (Schwartz's operation)	..	35	2	37	35	5	22	..	5	3	..
Furuncle Ear Incision	..	3	..	3	3	2	..	1	..	..	38
Radical Mastoid operations (Stake's) .	1	6	3	9	6	1	3	1	2	..	..
OPERATIONS ON ŒSOPHAGUS— Œsophagoscopy for examination ..	..	2	..	2	2	..	..	..	..	..	7
Œsophagoscopy for dilatation of stricture	..	2	3	5	2	..	..	..	..	..	7
ABSCESS—											
Acute abscess incision and drainage ..	..	1	2	3	1	..	1	..	..	..	1
ARTERIES—											
Ligature for haemorrhage	..	2	..	2	2	..	1	1	..	..	..
INCISION FOR—											
Cellulitis	..	1	..	1	1	1	..	..	..	..	1
	7	1,022	20	1,042	1,022	385	616	9	12		780

APPENDIX NO. 10.

X-Ray and Electro-Therapy Report.

2,661 Skiagrams (including 72 from Municipal hospitals) were taken during the year 1933. 1,405 of these were for In-patients (878 men, 393 women and 134 children); 1,250 were for Out-patients (807 men, 326 women and 123 children), including Casualty cases.

Skiagrams were taken from various clinical conditions as under :—

—	Male.	Female.	Children.		Total.
			Male.	Female.	
Fractures	326	74	54	17	471
Bone diseases	546	349	79	48	1,022
Chest	309	133	12	5	459
Kidneys—bladder	186	25	6	2	219
Gall Bladder	40	10	..	..	50
Paranasal Sinuses	136	72	21	13	242
Dental	36	6	..	..	42
Barium Meal	35	6	..	..	41
Barium Enema	33	11	..	..	44
Pyelography	18	17	..	..	35
Sinuses—Foreign bodies, etc.	20	16	..	..	36
	1,685	719	172	85	2,661

Screening was done on 2,692 patients—1,868 out-patients and 824 in-patients (including 86 men, 23 women and 1 child from the Maratha Hospital) as under :—

—	Male.	Female.	Children.		Total.
			Male.	Female.	
Chest	1,311	492	8	9	1,820
Gastro-Intestinal	103	53	2	..	158
Fractures	424	184	75	31	714
	1,838	729	85	40	2,692

X-Ray Therapy treatment was carried out during the same period as under :—

—	Male.	Female.	Total.
Skin conditions	9	8	17
T. B. Adenitis	1	..	1
Thyroid	1	1	2
Total ..	11	9	20

Diathermy was used in 39 Medical Cases, 15 cases of Prostatitis and 8 cases of Salpingitis.

Ultra-Violet Ray treatment was given in 390 cases (149 men, 147 women and 94 children).

APPENDIX No. 11.

Report of the Skin and Venereal Department for the year 1933.

Syphilis Primary.	Syphilis Secondary.	Syphilis Tertiary.	Syphilis Congenital.	Total No. of cases of Syphilis.	Acute Gonorrhoea.	Gonorrhoea with complications, arthritis, epididimo-orchitis, stricture, prostatitis.	Total No. of Gonorrhoea cases.	Other Diseases of Venereal origin; chancroids, Bubo, Phagedena, granuloma pudendi.	Total No. of all Venereal cases.	Leprosy.	Skin Diseases.	Grand total of Venereal, Leprosy and Skin cases.	No. of males suffering from Venereal Diseases.	No. of females suffering from Venereal Diseases.
								OUT-DOOR PATIENTS.						
147	1,119	51	55	1,372	319	590	909	351	2,632	143	4,404	7,036	2,505	127
								IN-DOOR PATIENTS.						
12	78	3	..	93	8	38	46	71	210	..	105	315	166	44

The total number of old attendances is much below the actual attendances as all the cases transferred to these departments are entered under the departments under which the original cases were issued. The vast majority of them are venereal cases. Their subsequent attendances for treatment are all entered under various departments from where they were originally transferred. Many patients who are under treatment for Syphilis and Gonorrhoea do not return their case papers to the dispensary as many of them are given injection treatment and not medicines. These cases are not therefore recorded as old attendances.

APPENDIX NO. 12.

Clinical Laboratory Report.

9,372 Laboratory Investigations were carried out during the year 1933 in the Central Clinical Laboratory (as apart from the Ward Laboratories) on the material sent from the hospital, divided under three main heads :—

I.—Pathological, II—Bacteriological, III—Biochemical as under :—

I. Pathological :—

Blood counts	376
Stool examinations	706
Urine examinations	170
Spinal Fluid examinations	258
Pleural fluid	30
Ascitic fluid	46
Peritoneal fluid	10
Sputum examinations	259
Volume Index	155
Coagulation time of Blood	10
Bleeding time	2
Colour Index	4
Matching of Blood for Blood Transfusion	71
Total	2,097

II. Bacteriological :—

Blood Cultures	70
Widal Reaction	229
Wassermann Test	303
Kahn's test	4,917
Stool Cultures	61
Urine Cultures	101
Spinal Fluid Cultures	25
Pleural Fluid Cultures	27
Peritoneal Fluid Cultures	2
Lung Puncture Examinations	5
Ascitic Fluid Cultures	4
Smears	22
Sputum Cultures	1
Duodenal Contents	1
Auto-Vaccines	52
Pus Cultures	37
Throat Swabs	19
Nasal Swabs	6
Total	5,882

III. Biochemical :—

1. Blood :—

Non-Protein Nitrogen ..	131
Urea Nitrogen ..	146
Glucose ..	8
Chloride ..	60
Calcium ..	13
Laevulose	1
Uric Acid	2
Cholesterol	153
Creatinine	17

2. Cerebro-Spinal Fluid :—

Urea Nitrogen ..	2
Chlorides	1
Urea	1
Glucose ..	3

3. Urine :—

Sugar	12
4. Blood Sugar Curve	129
5. Urine Sugar Curve	121
6. Urea Concentration Test	77
7. Fractional Testmeal Analysis	450
8. Von den Bergh Reaction	53
9. Milk Analysis	13
Total ..	1,393
Grand total ..	9,372

262 Autopsies were performed during the year 1933. In a large majority of cases the autopsies were performed on claimed bodies with the consent of the relatives. In case of every post-mortem a record of findings in each organ is kept.

Autopsies on Bodies received from Acworth Leper Asylum ..	9
Autopsies on Bodies received from Arthur Road Hospital ..	4
	13

The following is the number of blocks prepared, cut and sections stained out of the post-mortem organs and tissues received after surgical operations, from 1st January 1933 to 31st December 1933 :—

Blocks of Post-mortem Organs.	Blocks of tissues received from surgical side of the K. E. M. Hospital.	Tissues received from outside.	Total.
1,190	475	195	1,960

APPENDIX NO. 13.

Electro-Cardiograph department.

7 patients were examined electro-cardiographically.

APPENDIX No. 14.

Poor Box Charity Fund—Statement of Accounts for the year 1933-34.

Receipts.

Particulars.	Amount. Rs. a. p.
Balance in hand	785 5 7
Balance with the Central Bank of India in current account	13,518 3 2
Out-patient Casualty department	268 14 6
„ Medical department	40 5 9
„ Minor Surgery department	58 14 1
„ Surgical Dressings department	71 10 9
„ Skin department	440 14 3
„ X-Ray department	8 15 6
„ Aural department	274 13 0
„ Dental department	35 11 0
„ Gynaecological department	58 2 6
„ Electro-Therapy department	....
Ward No. I	185 0 0
„ II	138 1 5
„ III	414 15 10
„ IV	171 9 0
„ V	689 12 6
„ VI	422 3 1
„ VII	594 6 6
„ VIII	420 14 3
„ IX-X-XI	523 8 6
„ XII-XIII	513 11 6
„ XIV-XV	387 4 9
„ XVI	36 1 3
„ XVII	122 3 3
Other collections	3,147 12 6
Collections on account of issue of medical certificates	1,216 0 0
Interest	2,502 1 4
Proceeds from the sale of Hospital Pharmacopeia	....
Proceeds from the discharge of fixed Deposit invested with the Central Bank of India, Limited	4,171 12 0
Proceeds from the sale of Pathology note books	31 4 0
Proceeds from the sale of greeting cards	10 15 6
Balance of deposits	422 3 0
Total	31,683 10 3

Disbursements.

Particulars.	Amount. Rs. a. p.
Appliances such as crutches, Hernia belts, spectacles, artificial eyes, artificial limbs, etc., supplied to poor patients	801 3 0
Blood transfusion charges	465 0 0
Travelling expenses paid to poor patients	214 4 9
Expenses incurred in giving comforts to patients of this hospital	127 4 6
Clothing supplied to patients	....
Dead stock and equipment	18 0 0
Supply of costly medicines to the patients of the hospital	1,268 5 4
Funeral expenses of deceased patients	50 0 0
Repairs to appliances	82 4 0
Sundries	61 9 3
Investment for purchasing Improvement Trust Debentures	11,735 13 2
Printing and Stationery	21 8 0
X-Ray materials	85 9 0
Applying leeches to the patients	14 2 0
Printing charges of Pathology note Books	250 0 0
Advertisements in papers	48 0 0
Cash in hand	833 1 2
Balance with the Central Bank of India, Limited, current deposit account	10,370 8 7*
Balance with the Central Bank of India, Limited, Home Savings Account	5,237 1 6*
	31,683 10 3

* This includes the amount of Rs. 1,638-8-0 held in suspense for the following accounts :—

	Rs. a. p.
1. Resident Medical Officers' Mess Deposit account	1,082 0 0
2. Splint deposits	38 0 0
3. Patients' money	100 8 6
4. Miscellaneous deposits such as debt redemption Society for the menial staff, etc.	417 15 6
	Rs. 1,638 8 0

EDUCATIONAL.

THE SCHOOLS COMMITTEE

OF THE

BOMBAY MUNICIPALITY.

ADMINISTRATION REPORT FOR THE YEAR 1933-34.

(Approved and adopted by the Schools Committee under their Resolution No. 596 of 3-10-1934.)

I. THE COMMITTEE.

The Committee's Personnel.

1. Under Section 39(1)(*a*) of the Municipal Act, the Corporation appointed a new Schools Committee of 16 members on the 24th April 1933, and the old Committee retired from office from that date. The new Committee so appointed was composed of the following members :—

Dr. Mrs. Malinibai B. Sukthankar, M.B.B.S., J.P., *Chairman.*

Dr. Khurshed J. J. Cursetji, B.A., M.B.B.S., B.Hy., M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Mrs. Khadija Shuffi Tyabji, J.P.

Dr. P. G. Solanki, L.M. & S., M.L. C., J.P.

Mr. Abdul Latif Curtay, J.P.

Mr. R. A. Gole.

Mr. M. V. Donde, B.A.

Mr. Nagesh Mahadeo Kale, B.A., LL.B., S.T.C.D.

Rao Bahadur R. S. Asavale, M.L.C., J.P.

Miss Shantabai Daundkar, B.A., J.P.

Mr. S. K. Nabiullah, B.A., LL.B.

Mr. Haji Hasham Ibrahim.

Mrs. Lilavati V. S. Velinkar, M.A.

Mr. V. C. Setalvad, B.A., LL.B.

Mr. Cassumally J. Rahimtoola.

Mrs. Nalinibai V. Dalvi, B.A.

The Schools Committee, at its first meeting held on 28th April 1933, elected Dr. Mrs. Malinibai B. Sukthankar, M.B.B.S., J.P., to be the Chairman for the official year 1933-1934. Mr. R. V. Parulekar, M.A., M.Ed., J.P., continued to be the Secretary of the Committee throughout the year. The Committee lost a promising member in the death of Mr. S. K. Nabiullah, who passed away on the 11th September 1933. The Corporation filled up the vacancy by appointing Mr. Gulam Hussein A. Single on the Committee.

Meetings and Attendance of Members.

2. The Committee held in all 49 Meetings during the year. The following statement shows the attendance of members at the Committee's Meetings held from 1st April 1933 to 31st March 1934 :—

Name of Member.	No. of Meetings attended.	Remarks.
1. Prof. V. G. Rao	1	Chairman upto 28th April 1933. Retired from 28th April 1933.
2. Mr. A. L. Curtay	30	Was on leave from 1st July to 30th September 1933.
*3. Miss Bachubai R. Lotewala..	..	Retired from 24th April 1933.
*4. Mr. Cassumally J. Rahimtoola	38	
5. Mr. Haji Hasham Ibrahim ..	41	
6. Mrs. Khadija Shuffi Tyabji ..	37	
7. Dr. Khurshed J. J. Cursetji..	39	
8. Mr. M. M. Killedar	1	Retired from 24th April 1933.
9. Dr. Mrs. Malinibai B. Sukthankar	48	Chairman from 28th April 1933.
10. Mr. M. N. Talpade	1	Retired from 24th April 1933.
11. Mr. M. V. Donde	44	
*12. Mrs. Nalinibai V. Dalvi ..	36	
13. Dr. P. G. Solanki	35	
14. Mr. R. A. Gole	47	
15. Mr. A. Soares	1	Retired from 24th April 1933.
*16. Mr. V. C. Setalvad	42	
17. Mr. N. M. Kale	43	
18. Rao Bahadur R. S. Asavale..	31	
19. Miss Shantabai Daundkar ..	33	
20. Mr. S. K. Nabiullah	14	Died on 11th September 1933.
*21. Mrs. Lilavati V. S. Velinkar..	31	
22. Mr. Gulamhussein A. Single..	21	Appointed member from 12th October 1933.

Sub-Committees.

The following four permanent Sub-Committees which were reconstituted by the Schools Committee continued to function during the year under report :—

(1) Finance & Establishment Sub-Committee.

(2) School Instruction & Discipline Sub-Committee.

(3) New Schools, Rent Control & Sanitation Sub-Committee.

(4) Grants-in-Aid & Miscellaneous Matters Sub-Committee.

Among the various references of importance considered and disposed of by these four permanent Sub-Committees during the year under report, mention may be made of the following matters :—

1. Advisability of appointing additional Medical Inspectors with a view to have complete medical inspection of all the children in the Municipal Schools once a year.

2. Appointment of a Board of Examiners for conducting the 1st Year Junior Class Examination of the Rahimtoola Currimbhoy Training Institute for Women.

3. Transfers of Headmasters and Headmistresses of Municipal Schools of long standing so as to give the benefit of their teaching and other abilities to other schools.

4. Modifications in the Grant-in-Aid Code of the Schools Committee.

5. Appointment of a trained graduate Headmistress at the R. C. Training Institute.

6. Procedure rules for the guidance of the 7 Ward Local Committees.

*Non-Councillor Members.

In addition to these permanent Sub-Committees, the Schools Committee appointed various special Sub-Committees during the year under report, to consider certain references. Many of these special Sub-Committees are Sub-Committees of the whole Schools Commi tee. Among the important references considered by these special Sub-Committees, mention may be made of the following matters :—

1. Drafting of a Revised Curriculum of studies for the Municipal and Aided Schools for five years' study and an alternative Curriculum extending over four years only.
2. Laying down definite rules for counting seniority among the clerical staff of the Committee's Office.
3. Question of fixing the percentage of trained teachers in the department and also of laying down the definite percentage for the 3rd, 2nd and 1st Year Trained Teachers in the total percentage of trained teachers.
4. Prescribing a suitable Reading Series of Urdu Text Books for use in the Municipal Schools.
5. Question of the amendments in certain sections of the Municipal Act, pertaining to the constitution, powers and functions of the Schools Committee.
6. Opening of Central Schools.
7. Prescribing certain alternative text books for Marathi Schools.
8. Decision with regard to the Shift System for making it a permanent feature.
9. Expressing views on a bill brought by Dr. J. A. Collaco, to amend Section 39 of the City of Bombay Municipal Act, 1888, which sought to give Government power of nomination on the Schools Committee.
10. Modification in the system of drawing money from the Chief Accountant's Office so as to minimise actual remittances of money by cash or cheque to other Municipal Departments.

The total number of meetings of all the Sub-Committees held during the year was 105.

Municipal Schools and Pupils.

3. The year under report witnessed an increase in the number of pupils from 62,348 to 66,920, *i.e.*, of about 4,572. The detailed figures for the year under report and for the previous year are given below :—

Class of Schools.	No. on 31st March 1934.		No. on 31st March 1933.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi Boys' Schools	93+5 Classes.	27,703	95+5 Classes.	25,915
,, Girls' ,, ...	55+2 Inf. Classes.	12,340	54+1 Inf. Class.	11,532
,, Night ,, ...	3	87	4	121
Total Marathi Schools ..	151+7 Classes.	40,130	153+6 Classes.	37,568
Gujarati Boys' Schools	43+7 Classes.	7,768	42+11 Classes.	7,602
,, Girls' ,, ...	26+1 Eng. Class.	4,831	27+1 Class.	4,609
Total Gujarati Schools ..	69+8 Classes.	12,599	69+12 Classes.	12,211

Class of Schools.	No. on 31st March 1934.		No. on 31st March 1933.	
	Schools.	Pupils.	Schools.	Pupils.
Urdu Boys' Schools	53+18 Classes.	8,230	50+17 Classes.	7,469
,, Girls' ,, ...	34+1 Class.	5,299	32+1 Class.	4,442
,, Night ,, ...	2	73	1	24
Total Urdu Schools ..	89+19 Classes.	13,602	83+18 Classes.	11,935
Tamil and Malayalam Schools . ..	5+1 Class.	489	4+3 Classes.	516
Tamil Night Schools	....	....	1	33
Total Tamil Schools ..	5+1 Class.	489	5+3 Classes.	549
Kanarese School	1	100	1	85
Total Municipal Schools ..	315+35 Classes.	66,920	311+39 Classes.	62,348

Teachers in Municipal Schools.

4. The total number of ordinary teachers, permanent and non-permanent, on 31st March 1934 was 2,175. The number of special teachers in service, on the same date, was 157 and 1 part-timer.

Aided Schools and Pupils.

5. The number of pupils in Aided Schools rose during the year by about 300 from 19,159 to 19,492, as will be seen from the statement given below :—

Class of Schools.	On 31st March 1933.				On 31st March 1934.			
	Schools.	Boys.	Girls.	Total.	Schools.	Boys.	Girls.	Total.
Marathi Schools—								
Boys'	31	2,503	1,020	3,523	31	2,680	1,106	3,786
Girls'	6	147	439	586	4	53	386	439
Night	5	232	2	234	4	229	..	229
Normal Classes	1	..	67	67	1	..	69	69
Special Institutions ..	5	55	47	102	3	53	46	99
Total	48	2,937	1,575	4,512	43	3,015	1,607	4,622
Gujarati Schools—								
Boys'	41	4,641	689	5,330	41	5,020	739	5,759
Girls'	22	398	3,462	3,860	24	377	3,583	3,960
Night	3	127	..	127	3	127	..	127
Normal Classes	1	..	96	96	1	..	79	79
Special Institutions ..	4	..	295	295	4	..	187	187
Total	71	5,166	4,542	9,708	73	5,524	4,588	10,112

Class of Schools.	On 31st March 1933.				On 31st March 1934.			
	Schools.	Boys.	Girls.	Total.	Schools.	Boys.	Girls.	Total.
Urdu Schools—								
Boys'	16	2,104	122	2,226	16	2,102	218	2,320
Girls'	6	9	775	784	4	7	638	645
Night	28	863	..	863	14	452	..	452
Special Institutions ..	1	66	..	66	1	62	..	62
Total	51	3,042	897	3,939	35	2,623	856	3,479
Hindi Schools—								
Boys'	2	454	7	461	2+4	443	7	450
Girls'	1	..	115	115	1	..	86	86
Night	1	105	..	105	1	90	..	90
Total	4	559	122	681	8	533	93	629
Sindhi Boys' School	1	51	..	51	1	52	..	52
Tamil Boys' School	..	..	..	..	1	114	71	185
Canarese Night Schools ..	3	260	8	268	3	406	10	416
Total	4	311	8	319	5	572	81	653
Grand Total	178	12,015	7,144	19,159	164	12,267	7,225	19,492

Teachers in Aided Schools.

6. The total number of teachers in Aided Schools was 1,128, including full-timers and part-timers. The total number of full-time teachers was 732 and that of part-timers was 396.

Examinations & Results.

7. The results of the Vernacular Fourth Standard Examination for the year 1934, were as follows :—

	Pupils appeared.	Pupils passed.	Percentage of Passes.
Municipal Schools..	5,525	5,051	91.4
Aided Schools & Outsiders ..	2,030	1,810	89.1

The results of the Government Vernacular Final Examination for 1934, so far as the Municipal Schools were concerned, were as follows :—

Pupils appeared.	Pupils passed.	Percentage of Passes.
775	287	40

8. A Revised Grant-in-Aid Code framed for being made applicable to the Aided Primary Schools in the City of Bombay only, which was being considered for sometime past, was finally approved and sanctioned by Government and will be made applicable for the assessment of grants from April 1934, *i.e.*, on the expenditure incurred for the year 1933-1934 and onwards. The Schools Committee has further laid down a principle that the maximum expenditure per pupil in Aided Schools admissible for grant, should be the same as the average expenditure per pupil in Municipal Schools. Owing to financial stringency, the Committee had in the year 1932-1933, applied a cut of 10 per cent. to the grants payable to Aided Schools. During the year under report, the total amount of grants had to be further reduced by about Rs. 8,000, thus raising the percentage of the cut to about 14 per cent., *i.e.*, approximately to the same

level as the cut imposed by Government on the grant payable by them to the Municipality. Grants for the year 1933-1934, paid to the Aided Schools amounted to Rs. 1,59,091. The total expenditure shown by the Aided Schools for the year 1932-1933, on which these grants were assessed, was Rs. 7,92,934. The average number of pupils in Aided Schools during the year being 18,715, the cost per pupil works out to Rs. 42.4 and the Municipal Grant per pupil works out to Rs. 8.7.

Free and Compulsory Education.

9. As usual a census of non-attending children in the area under compulsory education, *viz.*, the F and G Wards, was carried out in the middle of the year and registers of the non-attending children were printed and published in the month of November 1933, according to the requirements of the rules prescribed by Government under the City of Bombay Primary Education Act 1920. The Census revealed that the number of non-attending children of compulsory age was 4,617. This number was gradually reduced to 3,343 by the end of the official year, *i.e.*, on 31st March 1934. The details of the number of pupils attending Municipal and Aided Schools in the area under compulsion and of the pupils of compulsory age not attending any schools, as on 31st March 1934, are shown below :—

Pupils Attending.	Under-age.	Compul-sory age.	Overage.	Total.
Municipal Schools.. ..	2,034	16,409	5,732	24,175
Aided Schools	163	1,195	407	1,765

Children of compulsory age not attending any schools, 3,343.

Medical Inspection of Schools.

10. Medical Inspection of Municipal School children with a view to detect diseases and defects was carried on as usual and 16,548 pupils—9,029 boys and 7,519 girls—from 111 schools were examined during the year. It was found out that nearly 49 per cent. of the boys and 65 per cent. of the girls were suffering from one disease or another. The children who were detected, as a result of the medical examination, to be suffering from some disease or defect, were advised to take private treatment or to resort to treatment at the Municipal Dispensaries. The Medical Inspection staff carried out other work connected with school hygiene, *viz.*, giving lectures on sanitation, inspection of school premises, etc.

Clinical work.

11. The Schools Committee with a view to give the benefit of actual medical treatment to pupils, especially the poorer ones, have been maintaining a fully equipped clinic at the K. E. M. Hospital. Pupils willing to undergo treatment at the clinic are conveyed to and from the clinic in buses maintained for the purpose by the Schools Committee and are given careful treatment at the K. E. M. Hospital. The number of children so treated during the year under report was 2,080. There is also a part-time dental surgeon who goes from school to school and treats dental cases on the spot. He treated 660 children during the year under report.

Income & Expenditure.

12. The year under report opened with a balance of Rs. 80,566-3-5. The budgetted opening balance for the year, being Rs. 73,348 only, the excess was refunded to the Corporation. The total amount at the disposal of the Schools Committee, during the year was Rs. 32,23,903-9-0 as follows : —

Opening Balance.	Municipal Grant.	Other Miscellaneous Receipts.	Total.
Rs.	Rs.	Rs.	Rs.
73,348.	31,22,976.	27,579.	32,23,903.

The total expenditure incurred during the year, was Rs. 32,01,190, and the closing balance was Rs. 22,712. Details of the income and expenditure for the year will be found in Appendix A.

13. Every effort for retrenchment was made during the year, in order to be able to manage within the amount at disposal and the following measures, among others, were adopted for this purpose : —

Efforts for retrenchment.

(1) Introduction of the Shift System on a large scale.

(2) Cutting down the allowances paid to Headmasters and Teachers for work under the Shift System by 25 per cent., during the latter half of the year.

(3) Cutting down the contingent amounts paid to schools.

(4) Cutting down the amounts of grants payable to the Aided Schools by 10 per cent.

Besides these, several minor cuts were applied to the expenditure wherever possible, and as a result the Schools Committee were able to manage the department within the grant sanctioned by the Corporation, although there was an increase of about 4,500 pupils on the whole. It has to be mentioned that the rapidly increasing number of pupils in Municipal Schools on the one hand and the growing financial difficulties of the Municipality on the other hand, have led to difficulties in the way of providing a sufficient number of teachers for the Municipal Schools, and as a result, the Shift System has been introduced and other measures for entrusting larger number of pupils to individual teachers are being resorted to.

14. The expenditure on the Schools Committee's Head Office, which is paid out of the General Municipal Fund, was Rs. 61,535-6-10 for the year. The staff of this office mainly consists of the Secretarial, the Accounts, the Record and the Correspondence branches of the department.

Expenditure on the Head Office.

15. The grant paid by Government to the Municipality, for education, during the year amounted to Rs. 6,94,732. This is credited to the General Municipal Fund.

Government Grant.

16. The average expenditure per pupil for Municipal school children calculated on the number of pupils on roll on the last day of the year was Rs. 45.1. Calculated on the average number of children on rolls throughout the year, the figure works out to Rs. 46.8. If we add also the expenditure on the Head Office, the two figures will respectively be 46.1 and 47.8. It will be interesting to note that the cost per pupil has been gradually reduced year by year during the last 5 or 6 years as a result of the continuous efforts for retrenchment made by the Schools Committee. It must however be remarked that further reduction in the figure may not be possible without having a corresponding effect on the efficiency of education as the avenues of retrenchment have by now been mostly exhausted.

Average Expenditure per pupil.

17. The Schools Committee have found that the Municipal Auditors have taken great pains to make the audit of the Schools Committee's accounts as carefully as possible and have made, from time to time, valuable suggestions many of which the Schools Committee were glad to accept. The Committee particularly would like to place on record their high appreciation of the work of Khan Bahadur H. S. Katrak, F.C.R.A., J.P., who was one of the two Auditors and held that office for nearly twenty years and retired with effect from 31st March 1934.

Audit of the Accounts.

18. Prof. V. G. Rao, B.A., LL.B., Bar.-at-Law, O.A., J.P. and Mr. V. C. Setalvad, B.A., LL.B., continued to hold offices of District Commissioner and Assistant District Commissioner of Municipal Boy Scouts, respectively, during the year under report. The number of Troops and Packs rose during the year from 133 to 144 and that of Scouts and Cubs from 3,377 to 3,606. The several Scout activities were continued as usual. A new activity was taken up by the Municipal Boy Scouts and a Social Welfare Centre has been opened at Taikalwady, Dadar, which is a colony mostly inhabited by Municipal menials belonging to the depressed classes. The Standing Committee, on the recommendation of the Municipal Commissioner, have sanctioned a substantial grant for the Centre. The Scouts and Scoutmasters also collected a sum of Rs. 505, for the Bihar & Orissa Earthquake Relief Fund.

The Boy Scouts.

19. Mrs. Khadija Shuffi Tyabji, J.P., held the office of the District Commissioner of Municipal Girl Guides throughout the year. The total number of Guides and Bluebirds at the end of the year, was 1,587, including 1,048 Bluebirds and 539 Girl Guides. The number of Bluebird Flocks was 56 and that of Guide Companies was 23. The Guides took part in the several annual functions and the Guiders also helped in some Conferences, etc. A number of teachers were

The Girl Guides.

trained in Guiding and some of them were specially sent to attend Camps at Lahore and at Ajra. The Guides had an opportunity to attend a Rally held in honour of H.E. Lady Willingdon and also to give a Guard of Honour to Their Excellencies Lord and Lady Willingdon.

Handicrafts.

20. In the beginning of the year, the Schools Committee took an important step of dividing their upper primary schools into two different sets, one teaching according to the Upper Primary Course hitherto followed and the other teaching according to the new Central School System recently approved by the Schools Committee. 22 Central Schools were started and maintained throughout the year. Among the Handicrafts and special subjects taught in these schools, were carpentry, woodwork, signboard-painting, tailoring, printing, and composing, weaving, clock repairing, etc. An exhibition of Handicrafts and sewing articles, etc., prepared by the boys and girls in Municipal Schools throughout the year was held for a week in April 1934 and the Schools Committee realised an amount of about Rs. 970 by way of sale proceeds of the articles. It is also noteworthy that 30 boys from the Central Schools were sent up for the Government 1st Year Carpentry Examination held in March and 18 of them were successful.

R. C. Training Institute.

21. The Rahimtoola Currimbhoy Training Institute for Urdu lady-teachers had on rolls the following numbers in the several classes :—

V. F., 17 ; Junior I Year Class, 13 ; Senior I Year Class, 11. The permanent teachers studying at the Training Institute were paid full pay and others were paid stipends.

The Lamington Road Training Class.

22. The I Year Training Class for Marathi teachers at Lamington Road had on rolls during the year, 35 teacher-students out of whom 34 appeared for the examination in March 1934 and 21 passed successfully.

Other miscellaneous activities.

23. The Annual Sports and the Teachers' Conference and Education Week were held as usual. The subject chosen for the Teachers' Conference and Education Week this year was Physiology, Hygiene and General Sanitation of Bombay. The Conference and the Education Week lasted from 18th March 1934 to 25th March 1934. An experiment in a new line was conducted by Dr. P. B. Warden, M.S., who, with the Schools Committee's permission, carried on mental tests of school children. There was no addition to the number of Municipal-owned buildings during the year. A revised curriculum of studies shortening the primary school course consisting of the infants and the first four standards by one year was framed with a view to save the children one year of the lower primary school life and was submitted to the Corporation; but it was referred back by them to the Schools Committee and is still under consideration. The work of the 7 Ward Local Committees during the year cannot be described in detail for want of space here; but it is necessary to mention that all the Local Committees took a keen interest in the various activities of the Schools Committee and an important conference between the Members of the Schools Committee and representatives of all Local Committees was held on the 9th March 1934, at which several questions were considered. The B Ward Local Committee held three propaganda meetings and the Schools Committee gave them a grant of Rs. 50 for the expenditure of the meetings. The Co-operative Credit Bank for the Schools Committee's employees which was started towards the end of the official year 1932-1933, made rapid progress during the year under report and the paid-up share capital of the Bank has gone above Rs. 44,000 and the loans granted to the members of the Bank during the year amounted to nearly a lakh and a half rupees. Owing to the prosperous business which the Bank could carry on during the year, a dividend of 7½ per cent. was declared as a result of the year's working. The Schools Committee's Manual had been published in 1927 and required to be revised in view of the changes that took place since its publication. A revised edition of the same was therefore under preparation for sometime past and was completed and published towards the end of the year under report.

Retirements, etc.

24. From the Supervising staff Mr. S. B. Pendurkar retired in March 1934 after putting in a long record of hard and efficient service. Among the teachers there were 15 cases of resignations and retirement. The Committee regret to place on record that there were as many as 17 cases of deaths of school teachers during the year.

Appreciation of the work done by the staff.

25. In conclusion, the Schools Committee place on record their appreciation of the services rendered by the staff of officers, clerks, teachers and menials, during the year under report. The Committee especially put on record their high appreciation of the hard and able work done by their Secretary, Mr. R. V. Parulekar, during the year.

R. V. PARULEKAR,
Secretary, Schools Committee.

APPENDIX A.

Statement of Income and Expenditure of the "School Fund" for the year 1933-1934.

RECEIPTS.	Rs. a. p.	Rs. a. p.
1. Balance on 1st April 1933	80,566 3 5	
Less—Amount sent to the Municipal Commissioner as per Corporation Resolution No. 7666 of 28th November 1929	7,218 3 5	73,348 0 0
2. Fees from Municipal Schools		16,452 0 0
3. Contribution from General Municipal Fund		31,22,976 0 0
4. Government Grant-in-Aid towards Building		.....
5. Interest on Trust & Endowment Funds and Deposits ..		6,517 9 6
6. Miscellaneous Receipts		1,398 3 3
7. Pension Fund Subscription from the employees		3,211 13 0
Total Rs. ..		32,23,903 9 9

EXPENDITURE.	Rs. a. p.	Rs. a. p.
A.—Schools.		
Headmasters and teachers		20,67,745 9 0
Servants		1,18,078 14 0
Rent of School Premises		4,43,497 10 0
Class Books		998 13 0
School Furniture		2,362 8 0
Prizes		.....
Contingencies and Miscellaneous—		
A.—Scholarships in schools	2,645 9 0	
B.—Visual Instruction	421 0 0	
C.—Boy Scouts and Girl Guide Movements	11,031 5 7	
D.—Municipal Sports Week	1,000 0 0	
E.—Miscellaneous accounts	72,436 6 2	
		87,534 4 9
Stipends to teachers under training		2,542 1 0
Superintendents and their Establishment		62,392 6 3
Grant-in-Aid to Primary Schools		1,59,091 0 0
Teachers' Library and Museum		1,898 5 3
Medical Inspection		38,093 3 1
Superintendent, Aided Schools and his Establishment ..		8,589 12 11
Census Establishment		20,926 15 8
Free Reading Rooms & Libraries—		
A.—Public Reading Rooms	5,961 12 0	
B.—Library for Ladies	3,198 10 6	
		9,160 6 6
Pension, Gratuity and Compassionate Allowance		54,772 9 0
Municipal Contribution towards Provident Fund		1,16,250 0 0
B.—Buildings.		
Repairs to Municipal School Buildings		7,256 4 10
Petty additions to Municipal School Buildings		.....
Balance on 31st March 1934		22,712 14 6
Total Rs. ..		32,23,903 9 9

S. M. PALEKAR,
Superintendent of Accounts.

R. V. PARULEKAR,
Secretary, Schools Committee.

APPENDIX B.

Balance Sheet of the "School Fund" for the year 1933-1934.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Imperial Bank of India Government, etc., Paper Deposit Account—			
1. Trust Fund Investment Securities :—			
3½ per cent. Government Loan (1842-43)	37,300 0 0		
3½ per cent. Government Loan (1954-55)	6,700 0 0		
3½ per cent. Government Loan (1900-01)	13,000 0 0		
3½ per cent. Government Loan (1865)	1,000 0 0		
3½ per cent. Government Loan (1879)	1,000 0 0		
		59,000 0 0	59,000 0 0
5 per cent. Tax Free Loan (1945-55)		22,300 0 0	22,300 0 0
4½ per cent. Loan (1955-60)		12,600 0 0	12,600 0 0
6½ per cent. Bombay Dev. Loan (1935)		900 0 0	900 0 0
4 per cent. Bombay Municipal 24¾ Lacs Loan (1943) ..	1,000 0 0		
4 per cent. Bombay Municipal 70 Lacs Loan (1974) ..	29,000 0 0	30,000 0 0	30,000 0 0
6 per cent. Bombay Municipal 160 Lacs Loan (1954) ..	35,000 0 0		
6 per cent. Bombay Municipal 40 Lacs Loan 1930 (1950-60)	500 0 0	35,500 0 0	35,500 0 0
4 per cent. Port Trust Bonds		26,500 0 0	26,500 0 0
One share of the Ahmedabad Commercial Mills Co., Ltd.		1,000 0 0	1,000 0 0
			1,87,800 0 0
2. Surplus Cash Investment Securities—			
3½ per cent. Government Loan (1900-01)	5,000 0 0		
3½ per cent Government Loan (1842-43)	6,200 0 0	11,200 0 0	10,801 0 0
At face value ..		1,99,000 0 0	1,98,601 0 0 at cost.
Chief Accountant, Bombay Municipality (Deposit *re*: Provident Fund Investment)			17,85,250 4 0
Advances—			
(*a*) To Officials—			
Secretary, Schools Committee	150 0 0		
Superintendent Aided Schools	40 0 0		
Superintendent Aided Schools (for Cinema)	20 0 0		

LIABILITIES.	Rs. a. p.	Rs. a. p.
Deposit Account		1,318 14 0
Unclaimed Wages Deposit Account		2,401 5 0
Donation *re*: Scholarships to Urdu Girls' Schools		504 0 0
Harkisondas Brijlal Prize Fund—		
Principal	600 0 0	
Interest	22 0 0	
		622 0 0
Dr. Blaney Prize Fund—		
Principal	1,300 0 0	
Interest	86 12 8	
		1,386 12 8
Madhavdas Raghunathdas Prize Fund—		
Principal	500 0 0	
Interest	17 7 6	
		517 7 6
Jivkore Lallubhai Scholarship & Prize Fund		
Principal	3,000 0 0	
Interest	95 0 0	
		3,095 0 0
Bachubai S. Bengali Prize Fund—		
Principal	1,200 0 0	
Interest	56 7 0	
		1,256 7 0
Lady Hardinge Prize Fund—		
Principal	1,600 0 0	
Interest	109 15 2	
		1,709 15 2
R. S. Taki Scholarship & Prize Fund—		
Principal	1,100 0 0	
Interest	75 9 0	
		1,175 9 0
War Loan Prize Fund—		
Principal	4,400 0 0	
Interest	294 8 5	
		4,694 8 5
Rambhabai Laldas Prabhudas Scholarship & Endowment Fund—		
Principal	10,000 0 0	
Interest	150 0 0	
		10,150 0 0
Parmanand Raja Endowment Fund—		13,800 0 0
Valibai Vallabhdas Endowment Fund—		29,000 0 0
Nagardas Raghunathdas Scholarship & Endowment Fund—		
Principal	23,000 0 0	
Interest	190 0 0	
		23,190 0 0
Navalbai Raghunathdas Scholarship Fund—		
Principal	2,800 0 0	
Interest	233 2 5	
		3,033 2 5
Madhavrao Rokde Free School Endowment Fund		27,800 0 0
N. G. Velinkar Scholarship & Prize Fund—		
Principal	1,100 0 0	
Interest	48 2 5	
		1,148 2 5

Special Attendance Officer		30 0 0			
Head Master, R. C. Training Institute		15 0 0			
Parel School Handicraft Class		10 0 0			
Supervisor, Drawing & Handicrafts		15 0 0			
Khetwadi Central School Clock-repairing Class		10 0 0			
Lady Librarian		10 0 0			
Head Master, Foras Road Marathi School for Manual Training Class		20 0 0			
Foras Road Printing Press		100 0 0			
Scout Organiser		20 0 0			
Librarian, Teachers' Library		10 0 0			
Girl Guide Organiser		10 0 0			
Head Master, Teachers' Training Class		10 0 0			
Head Master, Naigaum Road Marathi School for Tailoring Class		10 0 0			
Medical Inspector		15 0 0	495 0 0		
(b) Advances to Head Teachers—					
Marathi Schools		1,674 0 0			
Gujarati Schools		675 14 0			
Urdu Schools		903 3 0	3,253 1 0	3,748 1 0	
Bank & Cash Balances—					
Balance at Bank			4,269 9 7		
In the Office Treasury			495 7 6	4,765 1 1	
			Total Rs. ..	19,92,364 6 1	

Jairajbhai Peerbhai Girls' School Trust Fund.			2,400 0 0
Thakar Peraj Padamsi Lohana Kanyashala Prize & Endowment Fund—			
Principal	8,000 0 0		
Interest	60 0 0		
		8,060 0 0	
Parvatibai Dwarkadas Prize Fund—			
Principal	200 0 0		
Interest	16 9 0		
		216 9 0	
Golden Jubilee of S. S. Bengali Girls' School Trust Fund—			
Principal	5,000 0 0		
Interest	274 0 0		
		5,274 0 0	
Dwarkadas Tribhowandas Garba Party Lahani Prize Fund—			
Principal	2,500 0 0		
Interest	149 10 0		
		2,649 10 0	
Ratansi Mulji Scholarship & Endowment Fund—			
Principal	10,000 0 0		
Interest	143 0 0		
		10,143 0 0	
Maneckbai Ratansi Prize Fund—			
Principal	1,000 0 0		
Interest	39 8 0		
		1,039 8 0	
Dwarkadas Tribhowandas Prize Fund—			
Principal	2,500 0 0		
Interest	149 10 0		
		2,649 10 0	
Rahimtoola Currimbhoy Training Institute for Women Scholarship Fund—			
Principal	18,000 0 0		
Interest	3,857 7 1		
		21,857 7 1	
Padmabai Quran Sharif School Trust Fund		6,500 0 0	
Jeshtaram Premji Girls' School Trust Fund		9,100 0 0	
Bai Gulabbai Haribhai Shah Prize Fund—			
Principal	900 0 0		
Interest	96 8 11		
		996 8 11	
Bai Khorshedbai Dorabji Prize Fund—			
Principal	500 0 0		
Interest	27 6 6		
		527 6 6	
Cash Deposits from Contractors		1,975 0 0	
Provident Fund Account	17,88,107 2 6		
Non-contributory Provident Fund	52,933 6 0		
	18,41,040 8 6		
	Rs. a. p.		
Less—Advances to Subscribers	56,965 0 0		
Insurance premia out of Provident Fund	14,903 8 0	71,868 8 0	
		17,69,172 0 6	
Schools Committee's Employees' Co-operative Bank's Deposit Account		243 15 0	
Income-tax		43 9 0	
Excess of Receipts over Expenditure to 31st March 1934		22,712 14 6	
	Total Rs. ..	19,92,364 6 1	

S. M. PALEKAR,
Superintendent of Accounts.

R. V. PARULEKAR,
Secretary, Schools Committee.

APPENDIX C.

THE PROGRESS OF PRIMARY EDUCATION IN BOMBAY.

Year.	No. of Schools.	Increase or decrease as compared with previous year.	No. of pupils.	Increase or decrease as compared with previous year.	Expenditure on salaries of teachers and servants.	Expenditure on rent.	Total expenditure including miscellaneous expenditure	Increase or decrease as compared with previous year.
	A.—Under the Joint Schools Committee.				Rs.	Rs.	Rs.	Rs.
*1890-91	62	.....	6,134	.....	45,000	19,000	81,861	.....
†1908-09	102	+ 40	10,314	+ 4,180	1,35,931 (Approximately.)	58,422	1,54,888	+ 1,73,027

* Being the first year of the Joint Schools Committee.

† Being the last year of the Joint Schools Committee.

B.—Under the (Municipal) Schools Committee from year to year.

1910-11	127	+ 13	13,255	+ 1,696	1,74,839	62,207	3,30,890	+ 42,688
1911-12	142	+ 15	15,861	+ 2,606	1,84,249	76,560	3,38,263	+ 7,373
1912-13	160	+ 18	16,746	+ 885	2,00,922	86,002	3,78,088	+ 39,825
1913-14	174	+ 14	18,846	+ 2,100	2,31,086	1,02,751	4,37,816	+ 59,728
1914-15	179	+ 5	18,046	— 800	2,52,901	1,14,618	4,77,963	+ 40,147
1915-16	183	+ 4	21,669	+ 3,623	2,65,460	1,20,192	5,02,173	+ 24,210
1916-17	195	+ 12	23,987	+ 2,318	3,05,155	1,32,913	5,68,398	+ 66,225
1917-18	211	+ 16	28,377	+ 4,390	3,87,829	1,63,197	6,95,243	+ 1,26,845
1918-19	233	+ 22	26,832	+ 1,545	4,77,607	1,96,796	8,53,437	+ 1,58,194
1919-20	250	+ 17	28,228	+ 1,396	8,63,026	2,15,809	12,87,211	+ 4,33,774
1920-21	273	+ 23	32,211	+ 3,983	11,01,110	2,37,086	15,91,298	+ 3,04,087
1921-22	298	+ 25	35,062	+ 2,851	12,97,036	2,72,465	19,63,573	+ 3,72,275
1922-23	334	+ 36	36,840	+ 1,778	14,92,310	3,56,536	22,23,892	+ 2,60,319
1923-24	333	— 1	39,987	+ 3,147	16,11,058	4,14,703	24,38,974	+ 2,15,082
1924-25	337	+ 4	37,816	— 2,171	16,08,073	4,08,386	23,46,550	— 92,424
1925-26	343	+ 6	43,063	+ 5,247	16,28,489	4,68,510	25,44,099	+ 1,97,549
1926-27	345	+ 2	47,087	+ 4,024	17,38,553	4,94,216	30,33,991	+ 4,89,892
1927-28	344	— 1	50,249	+ 3,162	18,55,332	4,77,955	29,60,599	— 83,391
1928-29	341	— 3	49,659	— 590	19,46,727	4,76,459	30,12,213	+ 61,614
1929-30	326	— 15	51,710	+ 2,051	19,01,154	4,54,323	29,68,294	— 43,919
1930-31	330	+ 4	56,093	+ 4,383	19,67,139	4,46,241	30,68,579	+ 1,00,285
1931-32	349	+ 19	61,196	+ 5,103	20,78,666	4,28,576	31,59,992	+ 91,413
1932-33	350	+ 1	62,348	+ 1,152	20,83,377	4,43,846	30,95,344	— 64,647
1933-34	350	.....	66,920	+ 4,572	21,85,824	4,43,497	32,01,190	+ 1,05,846

THE SCHOOLS COMMITTEE'S OFFICE,
Bombay, 10th September 1934.

R. V. PARULEKAR,
Secretary, Schools Committee.

BOMBAY, 31*st July* 1934.

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

To

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

As directed in Town Council Resolution No. 1455, dated the 6th October 1879, and with reference to Section 137 of the City of Bombay Municipal Act, we beg to submit our report on the scrutiny of outstanding bills of Municipal Rates and Taxes and Riot taxes which were in the hands of the ward clerks in the several wards offices and in the office of the Assessor and Collector on the 31st March 1934. The details of the outstanding amounts by wards and years are given in the statements A to D (appended). The outstandings on the 31st March 1934 are summarized below :—

	No. of Bills.	Amount.
		Rs. a. p.
(*a*) Property taxes including wheel tax.	12,467	24,48,967 5 11
(*b*) Meter hire	146	3,605 13 0
(*c*) Government contribution under Section 144 of the Municipal Act ...	.....	5,44,165 15 0
(*d*) Additional General Tax No. V ...	4,429	1,58,568 6 6
(*e*) ,, ,, ,, VI ...	479	4,591 11 6
(*f*) ,, ,, ,, VII ...	646	3,851 11 6
(*g*) ,, ,, ,, VIII ...	380	1,717 1 6
(*h*) Street number plates	1	1 12 0
Total ...	18,548	31,65,469 12 11

2. The outstanding balances under (*a*), (*b*) and (*c*) above compare with those of the previous year, as follows :—

No.	Particulars.	Outstandings on 31-3-1933.	Outstandings on 31-3-1934.
		Rs. a. p.	Rs. a. p.
1	Government contribution under Section 144 of the Act...	5,44,201 12 0	5,44,165 15 0
2	Government (Water and Halalkhore taxes)	25,482 3 0	7,691 1 0
3	Port Trust	.....	408 0 0
4	City Improvement Trust...	1,13,810 14 0	73,919 11 0
5	G. I. P. Railway	4,47,976 1 0	4,40,208 11 0
6	B. B. & C. I. Railway	25,747 13 0	38,938 13 0
7	Mills	1,36,808 8 0	3,05,130 5 0
8	Other rate-payers	12,78,348 9 0	15,82,670 12 11
	Total Rs. ...	25,72,375 12 0	29,93,133 4 11
	Meter hire	2,961 4 0	3,605 13 0
	Grand Total Rs. ...	25,75,337 0 0	29,96,739 1 11

3. From the above figures it will be seen that there was an increase of Rs. 4,21,402 in the outstanding balance on the 31st March 1934 when compared with that on the same date last year. The increase was the net result of increases of .13 lakhs in (6), 1.68 lakhs in (7), and 3·04 lakhs in (8) counterbalanced by decreases of .18 lakhs in (2), .40 lakhs in (4), .08 lakhs in (5). The increase of ·13 lakhs in the B. B. & C. I. Railway was due to the complaints against increased assessment, of 1·68 in Mills due to trade depression and dispute of revised assessment and of 3·04 under 'other rate-payers' was due to financial stringency on account of the general depression of trade in Bombay. The amount of Rs. 5,44,165 due from Government was recovered in April 1934. The suit against the Assur Virji Mills sanctioned in Standing Committee Resolution No. 2531 dated the 28th June 1933, was dropped as they paid on 11th November 1933 a sum of Rs. 33,041-2-0 in payment of the then outstanding bills.

4. During the year under report the Municipality was called upon to collect the amount of Compensation awarded in connection with the riots of 1932 and 1933, *viz.*, Rs. 20,45,761 and Rs. 17,000 respectively. By a subsequent letter Government stated that the bills in respect of the former riots should not be issued until a further reference was received from them. Final orders for the issue of the bills in this behalf were received in May 1934. The work of issuing the bills in respect of these riots is in progress. Bills in respect of demands made by the Chief Presidency Magistrate prior to 1st April 1933, have been issued.

5. Under Meter hire, there was an increase in the outstanding balance on 31st March 1934 (*viz.* Rs. 3,605-13-0) compared with that of the previous year (*viz.* Rs. 2,961-4-0). Under street number plates there was only one bill for Rs. 1-12-0 outstanding in the F ward.

6. Of the total outstandings on the 31st March 1934, *viz.*, Rs. 29,96,739-1-11 Rs. 14,35,378-12-3 were recovered during the quarter ending 30th June 1934, and bills amounting to Rs. 33,513-9-6 were recalled and cancelled, thus leaving a balance of Rs. 15,27,846-12-2, outstanding on 30th June 1934.

The following figures disclose the transactions of the whole year :—

Property and Wheel taxes

	Rs.	a.	p.
Balance on 1st April 1933	25,72,375	12	0
Demand for the year 1933-34	2,37,19,096	11	0
Total Rs. ...	2,62,91,472	7	0
Less—Recoveries during the year	2,32,98,339	2	1
Balance outstanding on 31st March 1934 exclusive of Meter Hire	29,93,133	4	11

7. The amounts of draw-backs allowed during the year under review aggregated Rs. 3,40,981-5-0 against Rs. 3,63,647 during the previous year. 194 bills of the total value of Rs. 4,442-15-0 were written off under Section 216 of the Municipal Act under several orders of the Standing Committee.

8. The total number of bills examined was 18,548. Some of these bills were not produced before us for scrutiny as they were stated by the Assessment Department to have been paid after the 31st March 1934 or filed in suits before the Small Causes Court

9. This together with the statements forms part of the Municipal Administration Report on the accounts for the year 1933-34 now under preparation.

We have the honour to be,

Sir,

Your most obedient servants,

H. S. KATRAK, F.C.R.A.,

T. J. PAREKH,

Municipal Auditors.

Appendix A.

Summary of outstanding bills of Rates and Taxes for the year 1933-34 in the hands of the Ward Clerks and in the Office of the Assessor and Collector on 31st March 1934.

Wards.	No. of Bills.	Details of Demand.								Meter Hire.	
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	No. of bills.	Amount.
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.				
1	2	3	4	5	6	7	8	9	10	11	12
1933-34		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
A	1,425	1,71,317 4 0	34,736 8 0	44,609 14 0	113 9 0	47,479 6 0	.....	22,059 9 0	3,20,316 2 0	43	1,377 0 0
G. P. R.	254	2,39,147 3 0	0 4 0	19,183 10 0	.....	7,959 4 0	1,473 13 0	.....	2,67,764 2 0	3	51 0 0
T	1,189	37,751 5 0	10,266 10 0	3,600 8 0	60 8 0	8,868 4 0	.....	.....	60,547 3 0	8	119 12 0
B	1,653	2,02,087 1 6	64,746 9 6	10,384 15 0	446 7 0	57,194 4 6	.....	7,949 8 0	3,42,808 13 6	20	423 0 0
C	1,002	1,16,847 13 0	38,202 2 0	5,241 6 0	411 7 0	33,146 11 0	.....	5,106 8 0	1,98,955 15 0	3	43 8 0
D	1,470	1,27,367 5 8	35,736 15 2	17,922 6 0	138 0 0	35,304 8 10	.....	18,765 3 0	2,35,234 6 8	13	220 4 0
E	1,166	81,517 14 0	20,714 9 0	8,244 12 0	36 15 0	22,048 5 0	.....	13,273 0 6	1,45,835 7 6	16	329 0 0
F	529	80,923 3 0	9,733 1 0	34,485 6 0	90 9 0	20,849 4 0	.....	2,429 1 0	1,48,510 8 0	6	75 0 0
G	1,442	1,59,563 14 0	15,036 4 0	11,294 8 0	39 12 0	43,323 9 0	....	6,869 4 0	2,36,127 3 0	34	967 5 0
Total ...	10,130	12,16,522 15 2	2,29,172 14 8	1,54,967 5 0	1,337 3 0	2,76,173 8 4	1,473 13 0	76,452 1 6	19,56,099 12 8	146	3,605 13 0

MUNICIPAL OFFICE,
BOMBAY, 31*st July* 1934.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH.
Municipal Auditors.

Appendix B.

Summary of outstanding bills of Rates and Taxes for the year 1932-33, and previous years in the hands of the Ward Clerks and in the office of the Assessor and Collector on 31st March 1934.

Wards.	No. of Bills.	Details of Demand.								Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
				For the year 1924-25.						
D Ward	1	169 6 0	.....	.....	.....	.....	.....	.....	169 6 0	
E ,, ...	1	.....	.....	28 8 0	.....	...	.....	.....	28 8 0	
G ,, ...	6	85 15 0	28 3 0	.....	.....	22 6 0	.....	.....	136 8 0	
Total ...	8	255 5 0	28 3 0	28 8 0	.....	22 6 0	.....	.....	334 6 0	
				For the year 1925-26.						
D Ward	7	266 4 0	88 9 0	.....	.....	70 13 0	.....	.....	425 10 0	
E ,, ...	2	465 12 0	.....	12 0 0	.....	121 8 0	.....	.....	599 4 0	
G ,, ...	8	76 7 0	25 2 0	1,138 8 0	.....	19 14 0	.....	.....	1,259 15 0	
Total .	17	808 7 0	113 11 0	1,150 8 0	.....	212 3 0	.....	.....	2,284 13 0	
				For the year 1926-27.						
D Ward	13	1,105 9 0	113 4 0	.....	.....	289 13 0	.....	.....	1,508 10 0	
E ,, ...	5	1,818 10 0	311 7 0	.....	.....	473 0 0	.....	.....	2,603 1 0	
F ,, ...	1	.....	.....	160 13 0	.....	.....	...	.....	160 13 0	
G ,, ...	10	74 14 0	24 8 0	1,093 0 0	.....	19 6 0	.....	.....	1,211 12 0	
Total ...	29	2,999 1 0	449 3 0	1,253 13 0	.....	782 3 0	.....	.....	5,484 4 0	

Appendix B—(*continued*).

Wards.	No. of Bills.	Details of Demand.							Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
				For the year 1927-28.						
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
B Ward	1	34 13 0	.....	.....	.....	9 1 0	.....	.....	43 14 0	
C ,, ...	1	26 6 0	21 2 0	.....	.....	16 14 0	.....	.....	64 6 0	
D ,, ...	14	1,026 10 0	87 14 0	.....	.....	268 15 0	.....	190 0 0	1,573 7 0	
E ,, ...	10	3,072 1 0	678 1 0	.....	.....	810 2 0	.....	.....	4,560 4 0	
F ,, ...	6	266 12 0	...	528 0 0	.....	69 10 0	.....	.....	864 6 0	
G ,, ...	12	118 0 0	38 10 0	678 0 0	.....	30 10 0	.....	.....	865 4 0	
Total ...	44	4,544 10 0	825 11 0	1,206 0 0	.....	1,205 4 0	.....	190 0 0	7,971 9 0	
				For the year 1928-29						
B Ward	3	226 9 6	.....	.....	.....	18 2 0	.....	.....	244 11 6	
C ,, ...	5	111 10 0	43 7 0	.....	.....	31 12 0	.....	.....	186 13 0	
D ,, ...	25	1,609 12 0	245 1 0	.....	.....	421 8 0	.....	190 0 0	2,466 5 0	
E ,, ...	11	2,657 0 0	531 13 0	113 12 4	.....	693 2 0	.....	.....	3,995 11 4	
F ,, ...	6	266 12 0	.....	9 14 0	.....	69 10 0	.....	.....	346 4 0	
G ,, ...	16	481 9 0	55 9 0	284 1 0	.....	138 6 0	.....	.....	959 9 0	
Total ..	66	5,353 4 6	875 14 0	407 11 4	.....	1,372 8 0	.....	190 0 0	8,199 5 10	
				For the year 1929-30.						
G. P. R.	2	4,567 6 0	...	...	...	...	.....	...	4,567 6 0	
T Ward	3	63 14 0	20 14 0	.....	.....	16 10 0	.....	.....	101 6 0	
B ,, ...	4	325 8 0	32 4 0	... .	.....	43 15 0	.....	.....	401 11 0	
C ,, ...	8	199 0 0	65 1 0	.....	.....	33 10 0	.....	.....	297 11 0	
D ,, ...	13	1,230 0 0	123 2 0	.....	.....	322 6 0	.....	25 0 0	1,700 8 0	
E ,, ...	14	2,630 9 0	487 11 0	.....	.....	689 12 0	.....	88 4 0	3,896 4 0	
F ,, ...	6	346 0 0	254 8 0	.....	.....	203 10 0	...	... ..	804 2 0	
G ,, ...	10	556 11 0	53 2 0	288 1 0	.....	145 3 0	...	15 0 0	1,058 1 0	
Total ...	60	9,919 0 0	1,036 10 0	288 1 0	.....	1,455 2 0	.....	128 4 0	12,827 1 0	

Appendix B—(*concluded*).

Wards.	No. of Bills.	Details of Demand.							Remarks.
		General Tax.	Water Tax.			Halalkhore Tax.		Tax on Vehicles and Animals.	Total.	
			On Value.	By Meter Measurement.	Compounded Tax.	On Value.	At a special rate.			
1	2	3	4	5	6	7	8	9	10	
				For the year 1930-31.						
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
A Ward	2	.....	.....	.....	.....	.....	.....	50 0 0	50 0 0	
G. P. R.	2	4,567 6 0	.....	.....	.....	.....	.....	.....	4,567 6 0	
T Ward	16	252 11 0	82 11 0	.....	.....	60 12 0	.....	.....	396 2 0	
B ,,	19	2,060 10 0	439 12 0	.....	.....	502 4 0	.....	81 11 0	3,084 5 0	
C ,,	14	1,130 7 0	772 11 0	.....	.....	617 15 0	.....	.....	2,521 1 0	
D ,,	21	1,279 11 0	123 2 0	801 10 8	.....	335 4 0	.....	108 5 0	2,648 0 8	
E ,,	28	5,384 4 0	649 10 0	.....	.....	1,397 11 0	.....	200 0 0	7,631 9 0	
F ,,	14	688 5 0	264 14 0	.....	.....	211 15 0	.....	363 5 0	1,528 7 0	
G ,,	33	1,114 2 0	183 13 0	410 12 0	.....	290 8 0	.....	354 5 0	2,353 8 0	
Total	149	16,477 8 0	2,516 9 0	1,212 6 8	.....	3,416 5 0	.....	1,157 10 0	24,780 6 8	
				For the year 1931-32.						
A Ward	30	1,246 15 0	369 8 0	.....	7 8 0	497 0 0	.....	746 3 0	2,867 2 0	
G. P. R.	5	4,576 3 0	0 15 0	.....	.....	3 1 0	34 8 0	.....	4,614 11 0	
T Ward	184	1,672 13 0	547 14 0	.....	.....	460 5 0	.....	.....	2,681 0 0	
B ,,	66	11,041 7 6	2,413 13 0	.....	2 8 0	2,852 6 0	.....	281 0 0	16,591 2 6	
C ,,	31	6,871 8 0	937 5 0	.....	.....	1,843 15 0	.....	85 0 0	9,737 12 0	
D ,,	58	2,522 3 4	628 1 1	527 8 0	.....	745 14 11	.....	912 11 0	5,336 6 4	
E ,,	51	6,930 12 0	293 3 0	.....	.....	1,889 6 0	.....	494 9 0	9,607 14 0	
F ,,	20	1,483 6 0	374 12 0	.....	5 14 0	407 1 0	.....	318 5 0	2,589 6 0	
G ,,	83	5,481 15 0	1,311 3 0	.....	.....	1,699 5 0	.....	312 11 0	8,805 2 0	
Total	528	41,827 2 10	6,876 10 1	527 8 0	15 14 0	10,398 5 11	34 8 0	3,150 7 0	62,830 7 10	
				For the year 1932-33.						
A Ward	125	9,220 10 0	1,476 9 0	.....	524 4 0	1,716 9 0	.....	1,887 11 0	14,825 11 0	
G. P. R.	55	2,06,332 7 0	.....	.....	.....	0 3 0	8 10 0	.....	2,06,341 4 0	
T Ward	381	4,438 15 0	1,339 9 0	3,312 2 0	5 0 0	1,098 6 0	.....	.....	10,194 0 0	
B ,,	201	26,847 11 0	7,387 2 6	1,706 4 0	10 0 0	7,262 13 6	.....	1,452 13 0	44,666 12 0	
C ,,	124	13,799 10 0	3,229 5 0	68 10 0	21 13 0	4,000 1 0	.....	1,021 0 0	22,140 7 0	
D ,,	158	10,090 3 8	2,234 2 2	1,405 7 0	5 0 0	2,596 6 10	.....	1,941 10 0	18,272 13 8	
E ,,	142	11,283 12 0	2,615 15 0	179 6 0	.....	3,014 13 0	.....	1,580 15 0	18,674 13 0	
F ,,	63	3,598 11 0	1,181 3 0	94 11 0	16 4 0	1,034 10 0	.....	156 12 0	6,082 3 0	
G ,,	187	15,188 8 3	2,182 14 0	5,073 7 0	1 0 0	4,240 7 0	.....	271 0 0	26,957 4 3	
Total	1,436	3,00,800 7 11	21,646 11 8	11,839 15 0	583 5 0	24,964 5 4	8 10 0	8,311 13 0	3,68,155 3 11	

MUNICIPAL OFFICE,
Bombay, 31*st July* 1934.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH,
Municipal Auditors.

Appendix C.

Summary of Appendices A and B.

Year.	Appendix A.		Appendix B.		Grand Total.	
	Number of Bills.	Amount.	Number of Bills.	Amount.	Number of Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
1933-34	10,276	19,59,705 9 8	.....	.....	10,276	19,59,705 9 8
Contribution from Government under Section 144 of the Act	.....	5,44,165 15 0	.....	.....	.....	5,44,165 15 0
1932-33	.....	.....	1,436	3,68,155 3 11	1,436	3,68,155 3 11
1931-32	.....	.....	528	62,830 7 10	528	62,830 7 10
1930-31	.....	.....	149	24,780 6 8	149	24,780 6 8
1929-30	.....	.....	60	12,827 1 0	60	12,827 1 0
1928-29	.....	.....	66	8,199 5 10	66	8,199 5 10
1927-28	.....	.....	44	7,971 9 0	44	7,971 9 0
1926-27	.....	.....	29	5,484 4 0	29	5,484 4 0
1925-26	.....	.....	17	2,284 13 0	17	2,284 13 0
1924-25	.....	.....	8	334 6 0	8	334 6 0
Total ...	10,276	25,03,871 8 8	2,337	4,92,867 9 3	12,613	29,96,739 1 11

MUNICIPAL OFFICE,
BOMBAY, 31*st July* 1934.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH,
Municipal Auditors.

Appendix D.

Bills on account of Riot Taxes outstanding on 31st March 1934.

Ward.	Additional General Tax No. 5.		Additional General Tax No.		Additional General Tax No. 7.		Additional General Tax No. 8.	
1	Bills 2	Amount 3.	Bills 4	Amount 5.	Bills 6.	Amount 7.	Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a p.
A	251	16,519 8 0	39	208 0 0	58	262 12 0	44	289 13 0
G. P. R.	29	45,650 14 0	1	2,768 13 0	1	1,939 3 0	.....	.....
T	1,599	14,105 9 0	122	448 3 0	168	485 6 0	76	137 9 0
B	1,043	37,585 11 6	277	1,005 9 6	361	1,004 0 0	232	1,137 11 6
C	346	15,933 4 0	8	56 3 0	18	64 4 4	13	95 15 0
D	369	13,637 13 0	20	58 14 0	24	54 1 0	9	33 9 0
E	391	11,037 1 0	7	38 2 0	12	39 3 0	1	11 5 0
F	171	1,134 15 0	.....	.....	....	....	.....	.....
G	230	2,963 11 0	5	7 15 0	4	2 14 0	5	11 3 0
Total ...	4,429	1,58,568 6 6	479	4,591 11 6	646	3,851 11 0	380	1,717 1 6

MUNICIPAL OFFICE,
BOMBAY, 31st *July* 1933.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH,
Municipal Auditors.

BOMBAY, 20*th August* 1934

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

To

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

We have the honour to submit herewith our report on the Schools Committee's Schools Accounts for the year 1933-34, with a view to the same being printed with the Municipal Administration Report for the year under preparation.

We have the honour to be,

Sir,

Your most obedient servants,

H. S. KATRAK, F.C.R.A.,

T. J. PAREKH,

Municipal Auditors.

REPORT ON THE SCHOOLS ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1933-34.

As stated in para. 1 of the last year's report, the audit of the Committee's Schools accounts was carried out weekly by the Municipal Auditors appointed by the Corporation under Section 136 (3) of the Municipal Act. The current audit of vouchers and examination of books was completed during the year, but the final examination of books, etc., was finished by the end of July 1934 after the accounts were finally closed. Important objections were communicated to the Secretary by special letters and miscellaneous objections through an objections book, for disposal.

2. The year under report opened with a balance of Rs. 80,566. This amount was however not available for expenditure as under Corporation Resolution No. 7666, dated the 28th November 1929, the difference between the actual balance and the budgetted balance for the year, *viz.*, Rs. 7,218 (Rs. 80,566 minus Rs. 73,348) was refunded to the Municipal General Fund which was taken as a set off against the grant for the year from the Municipal General Fund.

3. The following statement gives the figures for the Budget, Revised, and Actuals for the year under report together with the actuals of the previous year for comparison :—

Particulars.	Actuals.	Budget.	Revised.	Actuals.
	1932-33.	1933-34.		
	Rs.	Rs.	Rs.	Rs.
Receipts	31,55,911	31,45,976	31,52,962	31,50,556
Expenditure	30,95,345	31,99,324	32,06,310	32,01,191
Closing Balance Rs.	80,666	20,000	20,000	22,713

Comparison of Actuals.

4. (*a*) The receipts for the year under review aggregated Rs. 31,50,556 against Rs. 31,55,911 in the previous year resulting in a decrease of Rs. 5,355. This decrease is due to a reduction of Rs. 7,227 in the contribution from the Municipal General Fund, Rs. 1,441 under Miscellaneous receipts, Rs. 847 under Pension contribution, partially counterbalanced by an excess of Rs. 4,564 under School fees on account of an increase in the number of pupils. The Municipal Contribution for the year was fixed at Rs. 31,50,000 but after allowing for a temporary reduction in salaries on account of the cut, *viz.*, Rs. 27,024, the net grant available for expenditure stood at Rs. 31,22,976 against Rs. 31,30,203 in the previous year. The decrease under Pension Fund Subscription was due to the retirement of old employees while that under Miscellaneous receipts was due to the absence of special receipts from the sale of Handicraft Exhibits of the pupils of the schools during the previous year.

(*b*) On the expenditure side however there was an increase of Rs. 1,05,846 in the actuals for the year under review, the aggregate expenditure having amounted to Rs. 32,01,191 against Rs. 30,95,345 in the previous year. The increase is distributed amongst several heads but is chiefly under (1) salaries of head masters and teachers Rs. 94,847, (2) Servants Rs. 7,600, (3) School Furniture Rs. 2,069, (4) Contingencies and Miscellaneous, Rs. 9,202, (5) Pensions, Gratuities, etc., Rs. 2,031, (6) Municipal share towards Provident Fund Rs. 5,137. The increases under (1) and (2) were on account of increase in staff owing to a rise in the number of pupils in schools and to annual increments, while under (3) and (4) to the necessity for increased expenditure to maintain efficiency owing to a rise in the number of pupils which was estimated at 5,000 during the year. The increase under (5) was due to the retirement of a large number of employees and under (6) to annual increments to staff and to new subscribers. On the other hand there were savings under (1) Grant-in-aid to Primary schools, Rs. 7,979 on account of cuts to the extent of 10 per cent. in the grants necessitated to meet urgent demands in other directions (2) Rs. 4,310 under Superintendent, Aided

Schools and his establishment, and (3) Rs. 4,813 under Buildings due to expenditure on petty repairs and to the absence of petty additions to school buildings. It is gratifying to note that notwithstanding the increase in the number of pupils the Committee have been able to make both ends meet by retrenchment without impairing efficiency.

(5) (*a*) Comparison of Actuals with Budget and Revised estimates :—

—	Budget.	Revised.	Actuals.
	Rs.	Rs.	Rs.
Receipts	31,45,976	31,52,962	31,50,555
Expenditure	31,99,324	32,06,310	32,01,191

(*b*) *Receipts.*—Compared with the Budget the actuals for the year under review show an increase of Rs. 4,579 due chiefly to an increase of Rs. 2,452 under school fees on account of rise in attendance at schools, Rs. 1,398 under Miscellaneous receipts for which no provision was made in the original estimates, Rs. 1,211 under Pension Fund Contribution owing to an underestimate partially counterbalanced by a fall in interest receipts. The actuals fell short of the Revised by Rs. 2,407 due chiefly to the amounts allowed for in the Revised for school fees and Miscellaneous receipts having been overestimated.

(*c*) *Expenditure.*—The actuals for the year under review Rs. 32,01,191 closely follow the Budget Rs. 31,99,324 there being an increase of Rs. 1,867 only which is the net result of increases under Salaries of Head Masters and Teachers and servants to the extent of over Rs. 37,000 due to annual increments and increase in staff owing to a rise in the number of pupils, partially counterbalanced by savings under (1) Rent of school premises, due to reduction in rents, (2) Prizes, no charge having been incurred during the year against a budget grant of Rs. 4,000 and (3) Grants-in-aid to Primary Schools owing to the cut of 10 per cent. in the sanctioned grants to tide over financial difficulty and petty savings under other heads. The actual expenditure for the year Rs. 32,01,191 fell short of the Revised estimates Rs. 32,06,310 by Rs. 5,119 due chiefly to the figures for the Revised under Head Masters and Teachers and Grants-in-aid having proved high.

6. The following statement gives the transactions of the School accounts for the last five years :—

Year.	Receipts.	Expenditure.	Working balance.
	Rs.	Rs.	Rs.
1929-30	31,56,759	29,68,295	2,94,021
1930-31	30,11,429	30,68,580	1,45,529
1931-32	30,36,128	31,59,992	20,711
1932-33	31,55,911	30,95,345	80,566
1933-34	31,50,555	32,01,191	22,713

From the above figures it will be seen that the expenditure during the year under review was the highest recorded during the last five years and that mainly accounts for the big drop in the working balance at the end of the year compared with that of the previous year. In accordance with the principle approved of by the Corporation in their Resolution No. 7666, dated the 28th November 1929 the total amount refunded by the Schools Committee to the Municipal General Fund has aggregated Rs. 2,71,853-9-2 upto the end of 1933-34.

7. During the year under review there were excesses under various grants which were sanctioned by reappropriation from savings under other heads under the orders of the Committee in their Resolutions Nos. 1061, dated the 20th March 1934 and 1112, dated the 28th March 1934. Owing to a rise in the number of pupils and restricting expenditure in some

directions without impairing efficiency the average cost per pupil worked out, agreeably to the recommendation of the Standing Committee in their Review of the Administration Report for 1931-32 comes to Rs. 46·8 against Rs. 49·2 showing a decrease of Rs. 2·4 when compared with that of the previous year. The Government grant received during the year, after taking into account the cut and the adjustments of previous years amounted to Rs. 6,94,732 (Government Resolution E.D. No. 5582, dated the 23rd December 1933 and 11th January 1934) against Rs. 6,50,000 provided in the General Fund Budget for 1933-34 and Rs. 6,18,501 received during the previous year, the increase being due to increased expenditure during the year.

8. The total assets and the workings balances of the School Fund on the 31st March 1934 were Rs. 19,92,364-6-1 and Rs. 22,712-14-6 respectively as shown below :—

ASSETS.

	Rs.	a.	p.
Surplus cash investments with the Imperial Bank of India :—			
3½ per cent. Government Promissory Notes of the face value of Rs. 11,200	10,801	0	0
Securities belonging to Prize and other Funds deposited with the Imperial Bank of India for safe custody	1,87,800	0	0
Deposits with the Chief Accountant, Bombay Municipality, for Provident Fund Investments	17,85,250	4	0
Advances recoverable :—			
(a) Advances to Officers 495 0 0			
(b) Advances to Teachers 3,253 1 0			
	3,748	1	0
Cash balances :—			
(1) With the Imperial Bank of India 4,269 9 7			
(2) In Office Treasury 495 7 6			
	4,765	1	1
Total Rs. ..	19,92,364	6	1

LIABILITIES.

	Rs.	a.	p.
Deposit Account	1,318	14	0
Unclaimed Wages Deposit Account	2,401	5	0
Cash Deposits from Contractors	1,975	0	0
Provident Fund Accounts	17,69,172	0	6
Prize Funds	1,93,992	12	1
Donations for Scholarships to Urdu Schools, girls	504	0	0
Income Tax	43	9	0
School Committee's Employees Co-operative Bank's Deposit Account	243	15	0
Total Rs.	19,69,651	7	7
Balance .. .. Rs.	22,712	14	6
Grand Total Rs. ..	19,92,364	6	1

9. The cash balance of Rs. 495-7-6 in the office Treasury was counted and found correct. The total balance in the Bank Pass Books, Rs. 1,72,065-1-9 (Rs. 1,361-7-6 in the Imperial Bank of India, Head Office, and Rs. 1,70,703-10-3 in the Sandhurst Road Branch) differs from that shown in the Cash Book, Rs. 4,269-9-7 by Rs. 1,67,795-8-2.

The difference is due to cheques drawn on or before the 31st March 1934 not having been cashed during the year, the majority of the cheques being on account of Grants-in-aid to Primary Schools, the parties not having turned up to receive them owing to the Easter Holidays. The safe custody receipts for Government Promissory Notes and other Securities lodged with the Imperial Bank of India were examined and found correct.

10. During the year under review Central Schools were opened and other activities in the direction of Industries and Handicrafts were undertaken. In this connection we take leave to state that it would be more regular and legal if the Schools Committee divide their Budget estimate into two parts, one dealing wholly with Primary Schools, the expenditure for which is financed by the Corporation under Section 39 (7) of the Municipal Act of 1888 and the other dealing with technical and other instruction undertaken by them under Section 40 of the Act, the funds for which will be provided by the Corporation under Section 63 (*b*) of the Act. If the above suggestion is acted upon it will set at rest the dispute that arises every year between Government and the Committee for the elimination of several items for fixing the grant payable by Government.

11. Since the appointment of the Superintendent of Accounts under the Schools Committee and the introduction of the several registers at the suggestion of the then Test Audit Officer and the Municipal Auditors the work is well up to the mark but the School pay bills especially of the Urdu and Marathi sides require improvement at the initial stages.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH,
Municipal Auditors.

BOMBAY, *20th August* 1934.

BOMBAY, 5*th November* 1934.

FROM

THE MUNICIPAL AUDITORS,

BOMBAY.

TO

THE MUNICIPAL SECRETARY,

BOMBAY.

SIR,

We have the honour to submit herewith our Report on the Municipal Accounts including Improvement Schemes for the year 1933-34 as required by Section 137 (1) of the Bombay Municipal Act of 1888, with a view to the same being printed and published with the Administration Report for the year for submission to the Standing Committee and the Corporation as usual.

We have the honour to be,
Sir,
Your most obedient servants,

H. S. KATRAK, F.C.R.A.
T. J. PAREKH,
Municipal Auditors.

REPORT OF THE AUDITORS ON THE MUNICIPAL ACCOUNTS INCLUDING IMPROVEMENT SCHEMES FOR THE YEAR 1933-34.

Under Corporation Resolution No. 10445, dated the 9th of March 1933, Khan Bahadur H. S. Katrak, F.C.R.A, and Mr. Thakordas J. Parekh were appointed Auditors for the year 1933-34, under Section 136 (1) of the Municipal Act. The remarkable event of the year under review was the dissolution of the City of Bombay Improvement Trust and its complete amalgamation with the Municipality. On the passing of the Bombay Act XIII of 1933, the necessary changes were made in the Municipal Act of 1888 ; the amalgamation took effect from 1st October 1933. The Trust accounts were also merged in the Municipal General Fund accounts but were kept under a separate heading as directed in new Section No. 123-A (1) added in the Municipal Act. It was directed that the accounts of all the property vested or vesting in the Corporation and of all receipts and expenditure of the Corporation on account of the transfer to them of the powers, duties, assets and liabilities of the Board of Trustees constituted under the City of Bombay Improvement Trust Transfer Act of 1925 shall be maintained in such form as the Standing Committee shall from time to time prescribe in accordance with the rules contained in Schedule B. B. and that such accounts shall be published by the Commissioner every half year in the *Bombay Government Gazette*. As no distinct provision was made for the audit of these accounts, Government in a communication to the Mayor informed the Corporation that the portion of the Trust accounts will be audited by a Government Auditor under Section 138 of the Act. To this proposal the Corporation have raised a protest. Government have however modified their proposals to some extent and the subject-matter is still under the consideration of the Corporation awaiting final disposal. No mention was made at the time of the appointment of the Municipal Auditors for the year 1933-34 regarding the audit of the Trust accounts by them, but as these accounts formed part and parcel of the Municipal General Fund accounts, the Municipal Auditors took up this additional audit work in order to fulfil the requirements of Section 136 (1) of the Municipal Act.

The Municipal accounts (including the Trust portion) were checked from day to day and the vouchers relating to receipts and disbursement and adjustment were examined in detail and checked with the entries in the day books, and the entries in them were traced to the ledgers (abstract accounts). The weekly abstract accounts were examined as soon as they were produced prior to their submission to the Standing Committee and publication in the *Government Gazette*. The delay in the submission of this report is due to the fact that the question of the allocation of the charges and charging of percentages for the work done by the several sections of the Municipality and the Bombay Improvement Trust was under the consideration of the Standing Committee and the final orders in the matter were passed in their Resolution No. 665, dated the 26th September 1934. The account office had to make journal entries in accordance with these orders of the Standing Committee which took some time and the final report with statements was not ready till the end of October 1934. After the examination of the several appendices and statements the auditors were enabled to prepare their report.

General Fund.

The figures for the Budget, Revised and actuals of the year under report together with the actuals of the previous year are summarized below :—

Particulars.	Actua 1932-1933.	1933-34.		
		Budget.	Revised.	Actuals.
	Rs.	Rs.	Rs.	Rs.
Revenue and Receipts ..	3,00,02,381	3,17,31,700	3,20,11,767	3,14,15,971
Expenditure	3,21,69,117	3,35,68,959	3,34,43,745	3,25,51,599
Surplus	..	..	..	..
Deficit	21,66,736	18,37,259	14,31,978	11,35,628
Unexpended grants to be renewed during the next year	3,03,570	..	..	4,22,981

Comparison of Accounts.

Revenue and Receipts.

The Revenue and Receipts for the year under review were better than those of the previous year by Rs. 14,13,590. (*Viz.* Rs. 3,14,15,971 *minus* Rs. 3,00,02,381). The actuals of the year under review, however include a sum of Rs. 4,57,880 on account of extraordinary receipts (Rs. 2,75,000 transferred from Plant and Machinery Depreciation Fund as provided in the Budget and Rs. 1,82,880 being the amount of interest earned on the investments held in the Net Premia Fund transferred to Revenue agreeably to Corporation Resolution No. 9321, dated 21st January 1934 against nil in the previous year. If this sum be omitted from the total increase, the net increase on ordinary revenue amounts to Rs. 9,55,710. The most important variations are explained below :—

Heads.	Increase.	Decrease.
	(In thousands of Rupees).	
	Rs.	Rs.
General Tax	2,02	....
Town Duty	2,76	....
Cotton Duty	57	....
Tobacco Duty	....	97
Interest on Investments	....	59
Miscellaneous	....	37
Water Works	....	89
Education	1,02	....
Public Health	....	11
Medical Relief	....	40
Roads, Drains and Sewers	17	....
Mechanical	9	....
Buildings, Land Acquisition and Management	5,88	....
Fire Brigade	9	....
Licensing Department	48	....
Markets and Slaughter Houses	....	13
Contribution from Capital Fund	....	7
Total ..	13,08	3,53
Net ..	9,55	....

The increase under General Tax was distributed amongst several heads but was chiefly under G. I. P. Railway due to recovery of arrears of the previous year which were held back owing to a dispute on the revised assessment. This was however partially counter-balanced by a falling off in the collections from the public due to the recoveries being in arrears on account of financial stringency. The increase under Town Duties was due to the collections by all the agencies being in excess of those of the previous year due to large imports of dutiable goods while that under Cotton Duty to good cotton crops. The increase under Education was chiefly in the contribution from Government due to an increase in expenditure and to a reduction in the cut in the grant-in-aid originally fixed by Government from 20 per cent. to 14 per cent. the miscellaneous receipts under Roads, Drains and Sewers were more than those of the previous year. The large increase under Buildings, Land Acquisition, etc., was due to sales of certain large and valuable plots of lands and to increased receipts from miscellaneous fees. Increased receipts from Licenses of squatters and hawkers and fees for removal of encroachments account for the excess under Licensing Department. On the other hand the falling off in the Tobacco Duty was the result of a re-distribution of the receipts between the Municipality and the Trust by Government. The rate of interest earned on investments during the year was very low and hence there was a falling off under that head. The receipts from Rents of Buildings and Lands were very low and hence the decrease under Miscellaneous. Under Water Works the decrease was mainly under tax by measurement on account of less consumption of water by cotton and other factories owing to the closure of some Mills and partial running of others. Under Medical Relief and Education the absence of the special receipts in the last year of Rs. 48,359 from the Hospital Maintenance Funds accounts for the decrease. Under Markets and Slaughter Houses the receipts from Stall Rents and Fair ground and Feeding fees were less than those of the previous year.

EXPENDITURE.

The actual expenditure for the year under review was Rs. 3,25,51,599 against Rs. 3,21,69,117 of the previous year or Rs. 3,82,482 in excess which is the net result of increases aggregating Rs. 12,54,993 under certain heads and decreases amounting to Rs. 8,72,511 under other heads. Of the increase of Rs. 1,255 under certain heads the most important were (933) under contribution towards Improvement Schemes on account of additional contribution payable consequent on the amalgamation of the City Improvement Trust with the Municipality this year, (132) under the head XVI.—Provident Fund, Pensions, etc., of which (73) were under Provident Fund (37) due to annual increments to members of the office establishment, and large number of new entrants from the labour staff, and (59) under Pensions and Gratuities due to increased payments for pensions, gratuities and compassionate, etc., allowances, (70) under IX.—Mechanical due to expenditure hitherto shown under workshops now transferred to this head, (61) under VII.—Street Cleansing, (36) under Transport of refuse to Deonar due to the running of two trains throughout the year, and (24) under Debt charges due to re-allocation of charges and the payment of interest on advance of Rs. 8½ lakhs taken from the Special Funds during the year. The decrease of (873) is distributed amongst almost all heads, the most important being (176) under General Supervision of which (104) were under Law charges, (21) under Election expenses and a credit of (25) on account of proportionate share of General Supervision chargeable to Improvements Schemes Account as per Standing Committee Resolution No. 665, dated 26th September 1934, and aggregate reduction of over (150) under several heads due to reduction in the rate of interest on loans taken up from Government during 1923-24 and 1924-25 with effect from 1st October 1933. The other decreases were (25) under Public Health due to the cost of purchase of lymph being much less, (36) under Medical Relief, (29) due to decrease in staff and reduction in dietary charges, and (7) under new works. Under Street Cleansing (18) under Superintendence due to reduction in staff, (29) under Removal of Town refuse due to introduction of mechanical transport, (23) under Miscellaneous mainly under special repairs, Rent of Buildings and Telephone connections and Water Supply, (12) under Cleansing and Sanitation due to reduction in the number of Halalkhores on account of subvention schemes, (41) under New Works due to smaller number of works executed. Under Roads, Drains and Sewers, (24) under Establishment due to abolition of the one post of Assistant Engineer, (41) under Public Lighting due to a decrease in the erection and maintenance of lamps. Under Buildings, Land Management, etc. (12) Savings due to posts being kept vacant, (53) Proportionate share of cost of establishment chargeable to Improvements Schemes (S. C. Resolution No. 665, dated 26th September 1934). Under Fire Brigade, (34) due to savings in charge for Telephone connections and Fire Alarms under the revised agreement with the Telephone Co. Under Markets and Slaughter Houses, (12) due to decrease under special repairs and other heads.

COMPARISON OF THE ACTUALS WITH THE BUDGET AND REVISED ESTIMATE FOR THE YEAR.

Revenue.

The Budget for the year was settled at Rs. 3,17,31,700 against which the Actuals were Rs. 3,14,15,971 or a falling of Rs. 3,15,729. The important variations are as follows :—

Heads.	Increase.	Decrease.
	(In thousands of Rupees).	
	Rs.	Rs.
General Tax	....	4,09
Town Duty	....	47
Cotton Duty	....	3,14
Tobacco Duty	....	1,31
Interest on Investments	....	1,79
Water Tax	....	76
Education	71	....

Heads.	Increase. (In thousands of Rupees).	Decrease. (In thousands of Rupees).
	Rs.	Rs.
Medical Relief	....	35
Street Cleansing	....	1,08
Roads and Drains	....	27
Mechanical	23	....
Buildings, Land Acquisition, etc.	7,59	....
Fire Tax	....	19
Licensing Department	50	....
Markets and Slaughter Houses	....	42
Contribution from Capital Fund	....	12
Extraordinary Receipts	1,83	....

The increase under Education is due to a reduction of 6 per cent. (*i.e.*, from 20 per cent. to 14 per cent.) in the cut originally sanctioned by Government while that under Mechanical was chiefly on account of profit on the working of the motor traction. Sales of large and valuable plots of lands and increased receipts from miscellaneous fees caused a large increase under Buildings, Land Acquisition, etc. Under Licensing Department the increase was on account of licenses of squatters and hawkers and increased receipts from advertisements. Under Extraordinary Receipts the transfer of the interest earned on the investments held in the Net Premia Fund under Corporation Resolution 9321, dated 21st January 1934 caused the excess. The falling off under General Tax was the net result of decreases of (231) under collections from the public due to decrease in rents and revised valuations on complaints, (298) from mills due to the closing of several mills and partial running of others and to an allowance granted on account of trade depression partially counterbalanced by an increase of 104. Under G. I. P. Railway due to payment of arrears of last year which were held back owing to a dispute in the revised valuation. Under Town Duties and Cotton Duty the decrease was due to diversion of and depression in trade. The distribution by Government of the aggregate receipts from Tobacco Duty between the Municipality and the Trust led to a big fall in the estimated receipts. Easy money market conditions and low rates of interest earned on investments caused a big drop in interest receipts. Under Water Tax, a very low consumption of water by mills etc. caused a falling off in the receipts from measurements. The absence of the expected special receipt from the Hospital Maintenance Fund towards the maintenance of the Municipal hospitals caused a falling off under Medical Relief. Under Street Cleansing Halalkhore Tax and under Fire Tax the falling off followed that under General Tax. Under Roads, Drains and Sewers the decrease of (27) is the net result of a decrease of (60) under Ground Rent due to the non-receipt of the amount from the Bombay Telephone Co. in view of the revised agreement with the Company under which the amount was taken as a set off against payments due by the Municipality and an increase of (303) on account of profit on the working of the Municipal Crushers and Supervision charges in respect of work done for private parties. Under Markets and Slaughter Houses there was a falling off in the receipts from Stall Rents and Fair grounds and feeding fees. Owing to less expenditure on capital works, the contribution to Revenue from Capital Funds was also less. The revised Estimate was fixed at Rs. 3,20,11,767 against which the actual realization was Rs. 3,14,15,971 showing a decrease of Rs. 5,95,796, being the net result of decreases under certain heads to the extent of Rs. 10,57,413 and increases under other heads of Rs. 4,61,617. The decreases were chiefly under General Tax (596), Water Tax (80) and Street Cleansing and Fire Tax (26), Halalkhore Tax (46) due to a falling off in the collections from the public, mills, and G. I. P. Railway, (36) under Medical Relief and Education due to the absence of the special receipts from the Hospital Maintenance Fund, (28) under Buildings, Land Acquisition, etc., due to the anticipated receipts under sale of Surplus Lands and rents of Buildings not having been realized in full partially counterbalanced by an increase under Miscellaneous fees under that head. The more important increases were under Tobacco Duty (103), Cotton Duty (21), (46) under Interest receipts, (31) under Roads, Drains and Sewers, (19) under Mechanical, (15) under Licensing Department and (18) under Extraordinary Receipt due to the figures anticipated in the Revised having fallen short of expectation for the reasons stated above.

EXPENDITURE.

The Budget for the year provided for an expenditure of Rs. 3,35,68,959 against which the actuals amounted to Rs. 3,25,51,599 showing a decrease of Rs. 10,17,360. There were savings to the extent of (1076) under all the heads excepting XVI—Provident Fund, Pensions, etc., where there was an increase of (59). This increase was both under Provident Fund owing to annual increments to the establishment and to new entrants from the labour staff, and under Pensions and Gratuities due to increased charges on account of gratuities and compassionate, etc., allowances and pensions. The decrease of (1076) is distributed under all heads, the more important of which were under the following heads :—

	Rs.
General Supervision	84
Water Works	106
Public Health	25
Medical Relief	99
Street Cleansing	132
Roads, Drains and Sewers	191
Mechanical	71
Buildings, Land Acquisition, etc.	101
Fire Brigade	57
Markets and Slaughter Houses	33
Contribution to Improvement Schemes	146

The savings under General Supervision were chiefly under Establishment, Law charges, and to a transfer of 25 being the amount of proportionate share chargeable to Improvement Schemes while under Water works due to less expenditure on repairs and maintenance and to a decrease in debt charges on account of the reduction in the rate of interest on loans taken up from Government during 1923-24 and 1924-25 with effect from 1st October 1933. Under Public Health there were savings in Establishment, Malaria and Miscellaneous charges. Under Medical Relief the chief decreases were under K. E. M. Hospital due to savings in Establishment, Dietary charges, and New Works, and Debt charges due to a reduction in the rate of interest on loans taken up from Government from 1st October 1933. Under Street Cleansing there were decreases under Establishment due to abolition of several posts and reduction in the Halalkhore staff on account of conversion of basket privies into water closets, under special repairs, Rent of Buildings and Telephone connections, and Water supply, under Road Watering and New Works partially counterbalanced by increases under Transport of Refuse to Deonar due to the running of two trains instead of one and Debt charges due to payment of interest on advances taken from Special Funds. Under Roads, Drains and Sewers the savings were under Establishment due to reduction in Maintenance of Roads, Public Lighting and Debt charges. Under Mechanical the savings were chiefly in the Pumping Stations, under Repairs and Maintenance, Stores and Establishment charges due to the electrification of the stations. Under Buildings, etc.the savings were chiefly in Debt charges owing to a reduction in the rate of interest by Government. Under the revised agreement with the Bombay Telephone Co., the charges on account of telephone connections and fire alarms were saved to the Municipality under Fire Brigade. Under Markets and Slaughter Houses, the savings are distributed amongst several heads but are chiefly under special repairs. Owing to a fall in the realization of General Tax there was a reduction in the amount payable for the Improvement Schemes. The Revised estimate for expenditure was fixed at Rs. 3,34,43,745 but the actuals amounted to Rs. 3,25,51,599 showing a decrease of Rs. 8,92,146 of this (892), there was a decrease of Rs. (218) under Contribution towards Improvement Schemes and the rest *viz.* (674) was distributed amongst several heads. The savings were due to the Revised estimates having proved high for reasons stated above. The large decrease under Contribution towards Improvement Schemes was due to the Revised estimate which was based on that of the realizations of General Tax proved high owing to a full in the collections under that head. The Budget estimates for the year closed with a deficit of Rs. 18,37,259. In the Revised Estimates this was reduced to Rs. 14,31,978 being the result of an anticipated increase of 3 lakhs under Revenue and a decrease of 1 lakh in expenditure. The actual deficit was however Rs. 11,35,628 against Rs. 21,66,736 in the previous year or nearly 50 per cent. less. The actuals for the year however include extraordinary receipts aggregating Rs. 4,57,880 against nil in the previous year. If this amount be omitted the actual result of the year would have been a deficit of Rs. 15,93,508. Compared with the Budget however,the result seems satisfactory

inasmuch as though there is a drop in the anticipated Revenue of 3 lakhs, the expenditure shows a saving of Rs. 10 lakhs due mainly to curtailment of expenditure in all departments by exercising strict economy. The actual results of the last 5 years are summarized below :—

Year.	Receipts.	Expenditure.	Surplus Deficit.
	Rs.	Rs.	Rs.
1929-30	3,31,40,098	3,30,00,829	1,39,269
1930-31	3,20,46,672	3,26,47,552	6,00,880
1931-32	3,19,14,176	3,23,28,129	4,14,553
1932-33	3,00,02,381	3,21,69,117	21,66,736
1933-34	3,14,15,971	3,25,51,599	11,35,628

From the above figures it will be seen that the Revenue which was declining from 1929-30 every year has revived in 1933-34 being 14 lakhs higher than that of the previous year. The main factors contributing to this increase were Town Duties (276), Education (102), Sale of Surplus Lands (588) and (458) Extraordinary receipts. These factors cannot be treated as permanent sources of increase as they are likely to drop at any time. The total of the deficits of the last 3 years aggregate Rs. 37,16,917, but the years 1931-32 and 1933-34 include special extraordinary receipts of Rs. 6,48,457, Rs. 4,57,880 respectively. If these be omitted the actual deficit for the 3 years calculated on the basis of ordinary revenue and expenditure aggregates Rs. 48,23,254 resulting in an yearly average of Rs. 16,07,751. In view of these large deficits every year the borrowing capacity of the Municipality is affected, and the work of raising loans in the open market would have been hampered. The special funds have however rendered special assistance to the Corporation in enabling them to take advances from them for meeting their Capital Loan Works expenditure without the sanction of Government. Taking into account the increase in the amount of renewed grants and in the liabilities on account of contribution towards Improvements Schemes the deficit for the year is increased to Rs. 12,91,666. (*Vide* appendix 2 of the Chief Accountant's Report).

The amount of lapsed grants estimated to be renewed during the year 1934-35 aggregated Rs. 4,22,981 against Rs. 3,03,570 in 1933-34 showing an increase of Rs. 1,19,411. The percentage of outstanding charges compared with the actuals of the year works upto 1.3 which is higher than that of the previous year. The figure of lapsed grant to be renewed is made up of Rs. 2,05,879 on account of interest charges on Municipal Debentures due but not paid up to the end of 1933-34 and the balance of Rs. 2,17,102 is distributed amongst the several heads and is intended to meet liabilities incurred or to be incurred.

Loan Funds Expenditure.

The following statement gives the figures for the Budget, Revised, and the Actuals for the year under report together with the Actuals of the previous year for comparison :—

Particulars.	Actuals 1932-33.	1933-34.		
		Budget.	Revised.	Actuals.
	Rs.	Rs.	Rs.	Rs.
Loan and Trust Funds Works	9,21,845	10,08,499	11,28,421	8,70,346

The above figures are exclusive of charges on account of subventions for the conversion of basket privies into water-closets paid during the year. The actuals (Rs. 8,70,346) fell short of the Budget (Rs. 10,08,499) by Rs. 1,38,159 and the Revised (Rs. 11,28,421) by Rs. 2,58,075. The percentages by which the actuals fell short of the Budget and Revised were 14 and 23 respectively, which it is gratifying to note are the lowest during the last five years. Efforts should however be made by the Departmental Officers to reduce these percentages still further to arrive at an accurate result. Under Loan Funds inclusive of Trust Fund the balance on 1st April 1933 was Rs. 2,03,632. During the year an advance of Rs. 11½ lakhs was taken from Special Funds to meet Loan Works expendture (5 lakhs from Municipal Fire and Accident

Insurance Fund and Rs. 3 lakhs from Fines Fund out of the advance of Rs. 11 lakhs sanctioned for 1933-34 by Corporation in their Resolution No. 4960, dated 18th September 1933 and Rs. 3½ lakhs from the Plant and Machinery Depreciation Fund being the balance out of the advance of Rs. 13 lakhs sanctioned for 1932-33). The interest on Trust Funds amounted to Rs. 1,227. Thus the total amount available for expenditure was Rs. 13,54,859 against which the expenditure amounted to Rs. 12,18,796 (Rs. 8,70,346 shown above and Rs. 3,48,450 on account of subvention). Thus the balance at the end of the year was Rs. 1,36,063 (Rs. 31,406) on account of Loan Funds and Rs. 1,04,657 on account of Trust Funds.

Loans.

In the Loan Works Budget for the year under review a provision of Rs. 12 lakhs for a new loan was made. The Corporation in their Resolution No. 3026, dated 13th July 1933 sanctioned a further sum of Rs. 1 lakh for meeting charges on account of subventions granted for conversion of basket privies into water-closets thus raising the amount to Rs. 13 lakhs. In view however of the savings that had accrued on completed works Rs. 11 lakhs were considered sufficient. This sum instead of being raised in the open market was, as was done in previous years, drawn from Special Funds on the basis of 4 per cent. interest and equated payments within 30 years. The amount actually drawn was Rs. 11½ lakhs as shown above from different Funds. The total amount repaid during the year in the liquidation of Municipal Debt was Rs. 29,27,061-7-0 as per following details :—

Loans raised from Government.

	Rs.	a.	p.
Vehar Water Works Debt	52,802	2	0
Instalment of equated payments on account of several loans received from Government	24,47,485	0	0
Total Rs. ..	25,00,287	2	0

Loans raised from Public.

Tansa Water Works Loan of Rs. 147 Lakhs	3,67,500	0	0
The Rs. 35 Lakhs various sanitary Works Loan	2,000	0	0
Total (*a*) Rs. ..	3,69,500	0	0

Loans from Special Funds.

Equated payments of the advances from several Special Funds	57,274	5	0
Grand Total Rs. ..	29,27,061	7	0

(*a*) The sum of Rs. 3,69,500 was made up of Rs. 3,38,784-3-0 paid out of Sinking Funds and Rs. 30,715-13-0 out of the net Premia Fund.

Suspense and Advances Account.

A regular Budget Estimate of Receipts and Payments under these heads is prepared every year and submitted to the Corporation for their sanction. The actual transactions under several heads closely follow the estimates due to particular care being taken by the account office in framing them.

Advances to Municipal Officers :—The balance on 31st March 1934 was Rs. 17,750-9-6 against Rs. 18,633-9-6 on the same date last year.

Particulars.	Balance on 31st March 1933.	Balance on 31st March 1934.
	Rs. a. p.	Rs. a. p.
Standing advances with officers for contingent expenses	12,425 9 6	12,030 9 6
Advances to Officers for purchase of motor cars and motor cycles	6,083 0 0	5,595 0 0
Cycle advances to subordinates	125 0 0	125 0 0
Total Rs.	18,633 9 6	17,750 9 6

The falling off is in excess of recoveries over payments. Under the second head the estimates provided for payments of Rs. 10,000 and recoveries of Rs. 10,000 against which the actuals were Rs. 4,440 and Rs. 4,928 respectively.

Advances to Municipal Contractors and Tenderers.—The balance against Municipal Contractors outstanding on 31st March 1934 was Rs. 6,318-8-0 against Rs. 200-6-3 on the same date last year. The increase is due to large amounts remaining outstanding against three contractors.

The balances under the following heads on 31st March 1934 compare with those on the same date of the previous year as follows :—

Heads.	Balance on 31st March 1933.	Balance on 31st March 1934.
	Rs. a. p.	Rs. a. p.
Departmental Works	10,051 11 10	37,555 11 4
Private Works	32,932 15 8	33,027 3 10
Asphalt Plant and Crushers	45,906 12 1	80,358 8 0
Purchase of Petrol	5,136 7 0	7,465 11 0
Purchase of Coal	14,559 9 8	17,315 4 7
Levelling and Metalling of streets	1,18,889 14 10	79,259 8 9
Workshops	33,438 5 7	....
Sundries Miscellaneous	2,68,676 1 1	84,046 3 4
Advance from Plant and Machinery Depreciation Fund for financing Capital Works ..	9,74,294 0 0	12,92,520 11 0
Advance from Road Surfaces Renewal Fund for Capital Works	8,00,000 0 0	7,74,499 0 0
Advance from Fines Fund for Capital Works ..	....	3,00,000 0 0
Advance from Municipal Fire, Accident, and Insurance Fund for Capital Works	....	5,00,000 0 0
Advance for the purchase of Machinery ..	....	56,484 7 0

The increase under Departmental Works was distributed amongst Workshops, Roads, Buildings, and Drainage. The amount under Workshops represents the cost of the outstanding bills for work done on account of several departments pending adjustment. This amount was previously shown under the Suspense head Workshops but under the revised system of accounts prescribed for the Municipal Workshops for a trial period of 3 years from 1st March 1934 as sanctioned by Corporation in their Resolution Nos. 2587 dated 29th June 1933 and 3025 dated 13th July 1933, the standing charges are debited to Revenue and a nominal percentage of 3⅛ is charged on the job amount instead of the previous rate of 70 per cent (Corporation Resolution No. 4192 dated 6th August 1931). The increase under Roads, Buildings, and Drainage was due to a large number of bills of the Water department remaining outstanding pending adjustment for want of grants. Under Asphalt Plant and Crushers, &c., the increase was chiefly under Asphalt Plant and Love Grove Crushers due to large stock on hand and a large

number of outstanding bills pending adjustment for want of Grants. The increases under Petrol and Coal were due to large stocks on hand and large number of Petrol bills outstanding pending recovery. Under Levelling and Metalling of private streets the charges of which are in the first instance met out of advances from the Plant and Machinery Depreciation Fund under Corporation Resolution No. 11147, dated 27th January 1926, the decrease was due to recoveries having been in excess of the expenditure during the year. In view of the revised procedure adopted for the workshop accounts as explained above there was no balance. Under Miscellaneous Advances, last year's balance included Rs. 2,50,000 on account of Subventions paid for the conversion of the basket privies into water-closets. These charges are now debited direct to VII—Street Cleansing under Loan Works. If this be omitted the last year's balance stood at Rs. 18,676-5-1. The large increase on 31st March 1934 was due to a sum of Rs. 75,226 on account of Improvements Schemes being included therein The balances against the several Special Funds are on account of outstanding amounts out of the advances drawn under the orders of the Corporation from time to time for financing Capital Loan Works.

Reserve Stock Account.

Particulars.	Balance on 31st March 1933.	Balance on 31st March 1934.
	Rs. a. p.	Rs. a. p.
Engineer's Department Stores in charge of the Executive Engineer, D. E. Works	24,858 11 11	22,306 1 9
GENERAL STORES DEPARTMENT.		
General Stores	2,72,583 5 0	2,27,628 2 10
Line Suspense Account	87,465 9 5	85,796 12 5
Surplus and Obsolete Stores	43,512 14 4	43,512 14 4
Capital Stores	2,47,800 8 3	2,28,243 14 3
Total Rs. ..	6,51,362 5 0	5,85,181 11 10
Stores (Sales)	1,017 2 0	34 10 0
Water Works Imprest	2,315 2 11	2,535 13 2
Stock Adjustment Account	—5,000 0 0	—4,764 6 0
Total Rs. ..	—1,667 11 1	—2,193 14 10
Grand Total Rs. ..	6,74,553 5 10	6,05,293 14 9

The decrease in the outstanding balance is distributed amongst all the heads and is chiefly under General and Capital Stores. Agreeably to the instructions contained in para XIX of the Stores Audit Manual a balance sheet of the General Stores Department has been prepared in the form prescribed in Appendix O of the Manual wherein two sets of figures are given, one set from the books of the Chief Accountant and the other from the Balance Sheet of the Stores Department. The difference in the balances of the two sets of figures have been explained in a footnote in the statement attached.

Deposits.—The outstanding balance on 31st March 1934 amounted to Rs. 39,11,261-13-3 against Rs. 18,98,982-12-11 on the same date of the previous year (details given in Appendix 14-C of the Chief Accountant's report). The large increase was chiefly under (*a*) Paper Deposits kept in the office, (*b*) Paper Deposits from Lessees (Improvements) and (*c*) Deposits in respect of Improvement Schemes partially counterbalanced by decreases under Cash Deposits from private parties through Departmental Officers and other Cash Deposits.

Cheques Payable.—The outstanding balance on 31st March 1934 was Rs. 3,97,293-8-4 against Rs. 1,68,796-2-5 on the same date last year. The increase was due to a large number of cheques both of General Fund and Improvements Schemes account remaining undelivered owing to the Easter Holidays intervening.

Cash Bills Outstanding.—The balance on 31st March 1934 was Rs. 16,474-1-2 against Rs. 14,973-1-9 on the same date of the previous year. This sum represents the aggregate amount of bills for and below Rs. 100 passed for payment and charged off in the accounts by debit to the proper service heads but not paid during the year. The details of the outstandings are as follows :—

Year.	Amount. Rs. a. p.
1930-31	62 14 8
1931-32	968 12 0
1932-33	2,094 12 2
1933-34	13,347 10 4
Total Rs. ..	16,474 1 2

The expenditure incurred during the year under review from Commissioner's Discretional Contingencies aggregated Rs. 1,398-0-10 against the sanctioned Budget grant of Rs. 2,000, the details of which are given in the statement appended to the report.

Sinking Funds.

Agreeably to the orders of the Corporation in their Resolution No. 5294, dated the 19th November 1888, the auditors are required to certify every year that all investments on account of Sinking Funds made during the year pertaining to the several loans due by the Municipality agree with the amounts provided in the Budget Estimates for the year for investments. The amount provided in the Budget Estimates for the year 1933-34 was Rs. 17,46,732 (*vide* page 93, column 13 of the printed estimates for the year) and this amount was wholly invested during the year as will be seen from Appendix 10 of the Chief Accountant's Report. The accumulated balance on account of the Sinking Funds of the several loans amounted to Rs. 2,90,72,442-2-1 (Rs. 2,90,71,987-7-8 being the cost price of Securities of the face value of Rs. 3,05,83,800 and £25,000 and Rs. 454-10-5 in cash as per following details against Rs. 2,98,47,474-6-2 :—

Particulars of Securities.

	Rs. a. p.
6 per cent. Municipal Debentures	79,000 0 0
5 per cent. Municipal Debentures	50,37,000 0 0
4 per cent. Municipal Debentures	1,34,98,000 0 0
4 per cent. City Improvement Trust	28,20,000 0 0
4 per cent. Government of India Loan	58,66,200 0 0
3½ per cent. Government of India Loan of 1947-50	22,81,400 0 0
5 per cent. Government of India Loan of 1940-43	5,02,200 0 0
4½ per cent. Government of India Loan of 1955-60	5,00,000 0 0
Total Rs. ..	3,05,83,800 0 0
4 per cent. Bombay Improvement Trust Sterling Debentures	£ 25,000 0 0
Total cash value of the above as per Appendix 16 of the Chief Accountant's Report	2,90,71,987 7 8
Cash in current account with the Imperial Bank of India	454 10 5
Total Rs. ..	2,90,72,442 2 1

Compared with the outstanding balance on the 31st March 1933, *viz.*, Rs. 2,98,47,474-6-2, the balance under review is less by Rs. 7,75,032-4-1 being the net result of additions of Rs. 17,46,732 on account of investments of Sinking Funds for the year as stated above and of Rs. 14,03,448-11-10 on account of interest accumulated and profits on conversion of securities during 1933-34 and deduction of Rs. 3,38,784-3-0 on account of the cash value of the securities of the face value of Rs. 3,69,500 (the difference of Rs. 30,715-13-0 being met from Net Premia Fund) Rs. 35,86,428-12-11 being excess accumulation in Sinking Funds calculated at the current market rate of the Securities transferred to the Net Premia Fund. The market value of the securities pertaining to the Sinking Funds far exceeded the amount that would be actually necessary, according to acturial calculations. The transfer of the excess was sanctioned by the Corporation in their Resolution No. 9321 dated 31st January 1934. In this connection we beg to observe that these transfers should be made with extreme caution and should be restricted as far as possible. The present high rate of securities may not continue but may begin to fall in a year or two (probably after 1935), and in that case a retransfer of some amount will be necessary since most of the securities in the Sinking Funds are Municipal securities and are rated at par.

The safe custody receipts given by the Imperial Bank of India for the above securities were examined and found in order and the cash balance in the current account with the Imperial Bank of India in the Sinking Fund and Special Fund Pass Books was also verified and found correct. The several registers maintained in the Chief Accountant's office for recording the transactions of the Sinking Funds were examined from time to time and found in order.

Balances.

The Cash Balances in the Office Treasury and in the current account with the Imperial Bank of India on the 31st March 1934 were as under :—

				Rs.	a.	p.
(*a*)	Cash in office treasury			9,613	11	11
(*b*)	Securities in hand in office treasury			12,01,500	0	0
	Total (*a*) & (*b*) ..			12,11,113	11	11
(*c*)	Balance as per Bank Pass Book			9,96,617	2	2
Add—Amount remitted to the Bank on 29th March 1934 to be realized on 2nd April 1934				2,08,759	15	9
		Rs.		12,05,377	1	11
Deduct—Amount of cheques issued but not presented for payment ..				7,123	4	9
	Total (*c*) ..			11,98,253	13	2
	Grand Total Rs. ..			24,09,367	9	1

The cash in office treasury with the Cashier was counted on the evening of the last working day of the year, *viz.*, 29th March 1934 and found correct. The Securities in the office treasury in charge of the Senior Accountant were examined and found to agree with the balance shown above.

Interest Warrants Payable Account.—The necessity for the opening of the head in the accounts has already been fully explained in our last year's report. The amount outstanding on 29th March 1934 (the closing week's day) in the Bank's Pass Book was Rs. 34,925-15-7 against Rs. 29,195-4-7 on the last day of the previous year, the increase being due to a large number of warrants remaining unissued owing to Easter Holidays. The balance was compared in detail with the account submitted by the Bank and found correct.

Bombay Improvements.—The balance outstanding on 31st March 1934 on account of the Bombay Improvement Trust interest warrants payable account amounted to Rs. 67,030-15-0.

Invested Balances.

Surplus Funds.—The invested Surplus Funds on 31st March 1934 amounted to Rs. 57,83,840-15-2 against Rs. 64,20,018-10-10 on the same date last year showing a decrease of Rs. 6,78,177-11-8. The following are the details :—

		Rs. a. p.
(*a*)	In Government and other Securities with the Imperial Bank of India of the face value of Rs. 10,71,100	10,04,726 10 0
	Cash with the Imperial Bank of India	937 10 1
	Total ..	10,05,664 4 1

(*b*) In current account with the following Banks :—

	Rs. a. p.
Chartered Bank of India, Australia and China Ltd.	2,970 14 10
Hongkong & Shanghai Banking Corporation	82,962 14 11
National Bank of India, Ltd.	52,992 4 3
Lloyds Bank, Ltd.	83,001 12 4
Bank of India, Ltd.	77,979 7 7
Central Bank of India, Ltd.	5,04,518 13 1
Mercantile Bank of India, Ltd.	80,172 7 0
Comptoir National D'Escompte de Paris	82,872 10 5
Yokohama Specie Bank, Ltd.	83,144 5 7
P. & O. Banking Corporation	58,776 11 5
Eastern Bank, Ltd.	58,168 6 11
Allahabad Bank, Ltd.	1,08,909 8 6
National City Bank of New York	82,806 6 3
Total Rs. ..	13,59,276 11 1
(*c*) Fixed Deposit with several Banks	34,18,900 0 0
Grand Total Rs. ..	57,83,840 15 2

The deficit in the Revenue Account is responsible for the falling off in the invested balances.

Surplus, Loan and Trust Funds.—The balance on 31st March 1934 was Rs. 1,36,062 against Rs. 2,03,632-0-2 on the same date of the previous year showing a decrease of Rs. 67,570-0-2. The details are as follows :—

	Rs. a. p.
Government and other Securities with the Imperial Bank of India of the face value of Rs. 1,39,300	1,35,550 15 0
Cash with the Imperial Bank of India	511 1 0
Total Rs. ..	1,36,062 0 0

The above amount includes Rs. 1,04,657-1-0 on account of Trust Fund.

Reserve and Special Funds.

The balance of the several Reserve and Special Funds amounted to Rs. 1,40,34,699-2-4 on 31st March 1934 (Rs. 1,40,29,912-13-9 being the actual cost of the securities of the face value of Rs. 1,56,12,400, Fixed Deposits with the several Banks Rs. 23,47,300 relating to

the Net Premia Fund and Rs. 3,177-12-7 in cash with the Imperial Bank of India (current account) and Rs. 1,608-8-0 in cash in current account with the Central Bank of India as shown below :—

Particulars.	Face value.	Actual cost.	Fixed deposits.	Cash Balance.
	Rs.	Rs. a. p.	Rs.	Rs. a. p.
Municipal Fire Accident and Insurance Fund	2,80,900	2,60,033 7 0	..	380 7 10
Worn-out Water Mains Renewal Fund	1,85,400	1,56,841 4 0	..	331 7 2
Net Premia Fund	36,78,800	32,50,393 6 0	23,47,300	1,859 1 7
Provident Fund	95,17,600	85,08,329 8 9	..	474 8 9
Fines Fund	2,02,400	1,90,655 11 0	..	469 10 2
Plant and Machinery Depreciation Fund	8,25,600	7,97,438 14 0	..	446 6 10
Renewal of Road Surfaces Fund	6,59,000	6,20,548 10 0	..	441 15 6
Gardens Fund	23,600	21,696 0 0	..	382 10 9
Public Monuments Maintenance Fund	1,15,100	1,09,710 13 0	..	..
Endowment Fund	1,24,000	1,14,265 4 0	..	..
Total Rs. ..	1,56,12,400	1,40,29,912 13 9	23,47,300	4,786 4 7

Compared with the outstanding balances on 31st March 1933 there were decreases under (1), (5) and (6) due to advances made during the year from these Funds for financing Capital Loan Works. The decrease under (2) was due to large expenditure incurred during the year on renewal of water mains. The large increase under (3) Net Premia Fund was mainly due to the transfer of excess accumulations in Sinking Funds and accrued interest thereon aggregating in all Rs. 35,86,428-12-11 to this head under the orders of the Corporation (Resolution No. 9321, dated 31st January 1934) partially counterbalanced by a transfer of Rs. 30,715-13-0 to meet repayments of loans and Rs. 1,57,557-7-7 on account of interest realized during the year to Revenue. The large increase under (5)—Provident Fund—is due to the inclusion of the amount on account of Trust employees and to the progressive increase in the amount of all employees due to increments and new entrants and to the Municipal share. The increase under (7)—Renewal of Road Surfaces Fund—was due to the contribution from Revenue during the year amounting to Rs. 1,36,515 against the Budget provision of Rs. 1,37,985 (Corporation Resolution No. 774, dated the 27th April 1925). The safe custody receipts given by the Imperial Bank of India for the above securities were examined and found correct. The cash balances in the current accounts with the several Banks were compared with the registers maintained in the account office and the Pass Books of the several Banks and found to agree with the balances shown above. The transfer of the balances on 1st October 1933 in the Pass Books of several Banks on account of the Trust to the Municipal General Fund were also examined and found correct. The several receipts for the Fixed Deposits in Banks were also seen and found to be in order. The several registers for these investments maintained by the account office were inspected and were in order.

Levelling and Metalling of Private Streets.—Under Corporation Resolution No. 11147, dated the 27th January 1926, the charges on this account are met out of the Plant and Machinery Depreciation Fund. The following figures disclose the state of the Fund :—

	Rs. a. p.
Recoveries during the year	59,721 8 2
Recoveries on account of interest net	6,718 4 4
Total Rs. ..	66,439 12 6
Expenditure during the year	26,809 6 5
Excess of recoveries over the expenditure	39,630 6 1

In view of the excess of recoveries over the expenditure for the year the balance outstanding on 31st March 1933, *viz.* Rs. 1,18,889-14-10 was reduced to Rs. 79,259-8-9.

Conversion of insanitary basket privies into water-closets.—A scheme for converting the basket privies into water-closets by payment of subventions to landlords was sanctioned by Corporation in their Resolution No. 2087, dated the 14th June 1927. The scale for the payment of subsidy varied and Rs. 100 per privy converted in the beginning of the operations, was subsequently reduced to Rs. 75 from 1st October 1931 and the payment was stopped from 1st December 1931. The total expenditure upto the end of March 1934 was as under :—

	Rs.
1928-29	90,400
1929-30	4,75,200
1930-31	6,75,000
1931-32	5,00,000
1932-33	2,50,000
1933-34	98,450
Total Rs. ..	20,89,050

Claims for conversion carried out in previous years are still coming forward and are now debited direct to VII—Street Cleansing under Loan Works. The debt charges for the loans raised for this purpose are met out of savings effected by the reductions of the number of Halalkhores retrenched on the conversion of the privies.

The safe custody receipts granted by the Imperial Bank of India for Government and other securities aggregating Rs. 7,91,840 received from the contractors and the Municipal employees were also examined with the registers maintained in the account office and found to be in order.

For the scrutiny of the outstanding bills (of Rates and Taxes and Riot Tax) on 31st March 1934 a reference is requested to the Auditors' letter of the 31st July 1934 and to the appendices thereto (printed with the Administration Report) from which it will be seen that the total number of bills outstanding on 31st March 1934 was 18,547 of which 12,613 pertained to Property Taxes and the remaining 5,934 to additional General Tax. The amount outstanding on account of Property Taxes exclusive Wheel Tax and Meter Hire was Rs. 22,39,491-2-1 while that on account of Riot Taxes of the four denominations aggregated Rs. 1,68,728-15-0. The figures are fully explained in the letter referred to above.

Improvement Schemes.

The following statement gives the Actuals together with the Budget and Revised for the year under review together with the Actuals of the previous year for comparison :—

Particulars.	Actuals 1932-33.	Budget.	Revised.	Actuals 1933-34.
		(In thousands of Rupees.)		
	Rs.	Rs.	Rs.	Rs.
Receipts	87,11	96,46	1,00,95	1,00,42
Expenditure	1,17,05	1,12,97	1,16,18	1,13,17
Deficit	29,94	16,51	15,23	12,75

General Account.

The figures for the Budget, Revised and Actuals of the year under review together with the Actuals of the previous year are given below :—

Income.

Detail Heads.	Actuals 1932-33.	Budget.	Revised.	Actuals 1933-34.
		(In thousands of Rupees.) 1933-34.		
	Rs.	Rs.	Rs.	Rs.
(1) Rent and other Proceeds of Properties	49,34	50,77	50,04	49,16
(2) Contribution from the Municipal Corporation under Section 125 (3) (*d*) of the Municipal Act	23,52	34,31	35,03	32,85
(3) Tobacco Duty	7,43	8,00	10,11	11,43
(4) Interest on Investments ..	1,14	75	2,85	3,90
(5) Miscellaneous Receipts ..	4	..	..	2
Total ..	81,47	93,83	98,03	97,36
(6) Contribution from Capital Account on account of proportionate cost of management and Establishment ..	5,64	2,63	2,92	3,06
Grand Total ..	87,11	96,46	1,00,95	1,00,42

Comparision of the Actuals.

Exclusive of the contribution from Capital account, the Actuals of the year under report (Rs. 9,736) show an increase of Rs. 1,589 over those of the previous year (Rs. 8,147). The increases were (Rs. 933) in the contribution by the Municipal Corporation towards the Improvement Schemes on the dissolution of the Bombay City Improvement Trust and its amalgamation with the Municipality (Act XIII of 1933), (Rs. 400) under receipts from Tobacco Duty due to a higher percentage of the total revenue from this source, having been apportioned to the Improvement Trust by Government, and (Rs. 276) under Interest and Profit on Investments due to large amounts of invested balances partially counterbalanced by a falling off in the Receipts from Rents and Miscellaneous. Compared with the Budget, the Actuals were in excess by (Rs. 353) being the net result of increases of (Rs. 343) under receipts from Tobacco Duty, (Rs. 315) under Interest and Profit on Investments for the reasons stated above, partially counterbalanced by a decrease of (Rs. 146) under Contribution by the Municipal Corporation towards Improvement Schemes, the figures for the Budget having been fixed on the estimated collections of General Tax which proved low and (Rs. 161) under Rents. Compared with the Revised the Actuals showed a decrease of (Rs. 67) only due to large decrease of (Rs. 218) under head (2) and of (Rs. 88) under head (1) for reasons stated above counterbalanced partially by increases of (Rs. 132) and (Rs. 105) under heads (3) and (4) respectively.

Expenditure.

The following statement gives the details of expenditure for comparison :—

Particulars.	Actuals 1932-33.	Budget.	Revised.	Actuals 1933-34.
		(In thousands of Rupees.)		
	Rs.	Rs.	Rs.	Rs.
(1) Maintenance of Properties and Schemes	1,477	1,254	1,346	1,187
(2) Debt charges	9,663	9,780	9,980	9,823
Miscellaneous	1	..	..	1
Total ..	11,141	11,034	11,326	11,011
(3) Proportionate cost on account of management, etc., chargeable to Capital account	564	263	292	306
Grand total ..	11,705	11,297	11,618	11,317

Exclusive of the 3rd item in the above statement, the actuals for the year under review were less than those of the previous year by Rs. 130 which is the net result of an increase of (Rs. 160) under Debt charges counterbalanced by savings of (Rs. 290) under Maintenance of Properties and Schemes due chiefly to reduction in Establishment, etc. The Budget closely follows the Actuals with variations in details. The Revised which was based on latest actuals and information available proved high by (Rs. 315), under head (1) by (Rs. 159) and by (Rs. 157) under head (2), counterbalanced by an increase of (1) under Miscellaneous. The Budget closed with a deficit of (Rs. 1,651) which was reduced to (Rs. 1,523) in the Revised. The actual result was however in deficit of (Rs. 1,275) against (Rs. 2,994) in the previous year. The better results were chiefly due to an increase in Municipal contributions and in receipts from Tobacco Duty and Interest on Investments. The yearly deficits are met out of the Capital accounts, the total liabilities on account of which upto the end of 1933-34 aggregate Rs. 1,59,58,370.

Capital Account.

The state of the account was as under :—

	Rs.
Balance on 1st April 1933	56,21,847
Receipts from sale of Lands, etc.	11,89 406
Total ..	68,11,253

Expenditure.

	Rs.
Management and Establishment	3,05,657
Acquisition and Works	86,313
Deficit for the year in General account	12,75,352
Total ..	16,67,322
Closing balance on 31st March 1934	51,43,931
Total ..	68,11,253

The receipts in the Capital account during the year were (Rs. 1,189) as shown above against (Rs. 2,176) in the previous year or a decrease of (Rs. 987) being the net result of a falling off of

(Rs. 1,020) in the realizations from sale of lands partially counterbalanced by an increase of (Rs. 33) under Miscellaneous Receipts. The balance of Rs. 51,43,931 is invested as under :—

	Rs.	a.	p
Government and other Securities of the face value of Rs. 51,49,100 ..	51,43,816	0	0
In cash with the Imperial Bank of India	115	0	0
Total ..	51,43,931	0	0

Sinking Funds.

On the date of amalgamation *i.e.*, on the 1st October 1933, the accumulated balance of Sinking Funds of the various loans pertaining to the Improvement Schemes aggregated Rs. 1,83,33,351. During the half-year ending 31st March 1934, there were increases of Rs. 3,67,190 on account of payments of Sinking Fund Instalments of the various loans during the half-year and of Rs. 4,09,440 on account of interest thus raising the total to Rs. 1,91,09,981 on 31st March 1934 as per following details :—

	Book value. Rs.	a.	p.
Government and other public Securities of the face value of Rs. 1,82,63,600 and £90,800	1,91,09,959	8	0
Cash with the Imperial Bank of India	21	9	0
Total ..	1,91,09,981	1	0

The safe custody receipts granted by the Imperial Bank of India for the securities lodged with them were examined and found in order. The cash balance was also verified with Bank's Pass Books and found correct.

H. S. KATRAK, F.C.R.A.,
T. J. PAREKH,
Municipal Auditors.

P.S.—This is the final, and all other reports for 1933-34 which were due for submission after the close of the year have already been submitted by me to the Standing Committee, and the Corporation to comply with the requirements of Section 137 of the Municipal Act of 1888 as directed by the Standing Committee. Though nearly 8 months have elapsed since I formally gave over-charge of my post, I am practically now severing my connection with the work of this Municipality after a continuous period of 16 years. I feel it my bounden duty to put on record my deep appreciation for the hearty co-operation, very valuable assistance and generous support which I received in my work from the Chief Accountant Mr. Tambe and his Deputy Mr. Shaligram to whom (both) my sincere thanks are due.

H. S. KATRAK, F.C.R.A.

Statement of charges met from the Municipal Commissioner's discretional contingencies during 1933-34.

Sanctioning Authority.	No. and date of Sanction.	Particulars of charges.	Amount.			Remarks.
			Rs.	a.	p.	
Standing Committee Resolution.	10368 of 8th March 1933.	Payment to Bombay Electric Supply and Tramway Company on account of damage done to their Tram Car No. 201/202 by the Municipal Ambulance Car No. Y/7595.	44	4	0	
Municipal Commissioner ..	117 B. R. of 29th April 1933.	Payment of overtime allowance to Motor Driver for driving Members of the Committee for visiting wards on various occasions.	8	11	0	
Municipal Commissioner ..	117 of 1st May 1933..	Payment to Bombay Electric Supply and Tramway Company for supplying one bus to carry the Members of the Works Committee to Powai and Vehar Lakes.	30	0	0	
Municipal Commissioner Corporation Resolution.	1363 of 2nd May 1933. 1180 of 4th May 1933.	Cost of fixing an electric Clock offered by Mr. Ramchandra M. Bhatt at the Sir Phirojshaw Mehta Garden.	127	4	8	
Municipal Commissioner ..	A. E. 1571 of 28th June 1933.	Cost of Petrol purchased on different occasions for the spare Motor Car in charge of Municipal Commissioner for carrying Members of the Committee for ward inspection.	23	8	0	
Municipal Commissioner ..	A.E. 1571 of 28th June 1933.	Payment to the Commissioner of Police, Bombay, for registration of the spare Motor Car in charge of Municipal Commissioner.	32	0	0	
Municipal Commissioner ..	E.M. 7 of 5th July 1933.	Payment of travelling allowance to Mechanical Engineer, Mr. E. G. Cameron, for inspecting the installation of incinerators in Great Britain while on leave.	265	12	0	
Municipal Commissioner ..	4228 of 10th July 1933.	Payment of travelling allowance to the Municipal Commissioner for attending conference with Government at Poona, *re*: Parel Tank Scheme.	33	8	0	
Municipal Commissioner ..	B.R. 922 of 19th July 1933.	Payment of travelling allowance to the Municipal Commissioner for attending conference with Government at Poona, *re*: Lalbag Market.	44	10	0	
Municipal Commissioner ..	3610 of 1st August 1933.	Payment of travelling allowance to Dr. M. C. Javle, Mayor of Bombay for attending conference with Revenue Member of the Government at Poona *re*: Parel Tank site.	44	10	0	
Deputy Municipal Commissioner.	370 of 2nd August 1933.	Payment to Chauzu Raoji of out of pocket expenses incurred by him in attending the Police Court as a witness in Municipal Case No. 93/10 of 1933.	8	4	0	
Municipal Commissioner ..	B. R. 701 of 4th August 1933.	Payment of tram fare to driver of spare car in charge of Municipal Commissioner.	0	13	0	
Municipal Commissioner ..	A.E. 2688 of 8th September 1933.	Payment of travelling allowance to A. E. water works Mr. B. P. Surti for visiting Vaitarna River in connection with the Vaitarna river gauging.	11	4	0	
Corporation Resolution ..	5275 of 26th September 1933.	Payment of travelling allowance to Dr. M.C. Javle, Mayor of Bombay, for attending conference with Government at Poona *re*: abolition of tolls.	33	9	0	

Sanctioning Authority.	No. and date of Sanction.	Particulars of charges.	Amount.	Remarks.
			Rs. a. p.	
Standing Committee Resolution.	7103 of 15th November 1933.	Payment of compensation to Mr. M. Megers for the loss sustained on account of death of his daughter Miss Daisy in consequence of accidental breaking of Municipal Sign-Board on 7th July 1933.	500 0 0	
Municipal Commissioner ..	912 of 29th November 1933.	For expenses incurred on account of printing examination papers from the *Times* Press for the Retention Bar and Headclerk's examination held on 21st July 1933 and 28th July 1933, respectively.	34 8 0	
Municipal Commissioner ..	912 of 29th November 1933.	Charges of stationary, etc., for above examination.	7 11 8	
Municipal Commissioner ..	9450 of 19th January 1934.	For expenses incurred on account of printing examination papers from the *Times* Press for the examination of candidates aspiring for Deputy Superintendent's post in Assessor & Collector's Department.	40 0 0	
Municipal Commissioner ..	9450 of 19th January 1934.	Charges of Stationery for above examination.	2 11 6	
Municipal Commissioner ..	S.R. 3720 of 22nd February 1934.	Payment of mileage allowance to water works inspectors, Messrs. D. Y. Gadkari and K. B. Carve.	66 12 0	
Municipal Commissioner ..	A. 710 of 23rd April 1934.	Cost of fixing Khaki-covers, etc., to Municipal Commissioner's spare motor car (adjustment).	32 7 0	
Deputy Municipal Commissioner.	A. 790 of 10th May 1934.	Cost of replacing battery to Municipal Commissioner's spare motor car (adjustment).	5 13 0	
		Total Rs. ..	1,398 0 10	

H. S. KATRAK, F.C.R.A.,

T. J. PAREKH,

Municipal Auditors.

Statement of stores Transactions for the year 1933-34.

(APPENDIX O OF THE STORES AUDIT MANUAL.)

General Stores Department.	Figures as per books of the Chief Accountant.					Figures as per Balance Sheet of the Storekeeper.				
	Opening Balance.	Receipts.	Total.	Issues.	Closing Balance.	Opening Balance.	Receipts.	Total.	Issues.	Closing Balance.
1	2	3	4	5	6	7	8	9	10	11
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
General Stores ..	2,72,583 5 0	3,42,663 4 3	6,15,246 9 3	3,87,618 6 5	2,27,628 2 10	2,70,846 1 0	3,83,213 4 6	6,54,059 5 6	4,01,169 2 6	2,52,890 3 0
Line Suspense Account	87,465 9 5	904 0 0	88,369 9 5	2,572 13 0	85,796 12 5	87,465 9 5	935 13 3	88,401 6 8	2,604 10 3	85,796 12 5
Line Suspense Account Surplus and O. Stores.	43,512 14 4	....	43,512 14 4	....	43,512 14 4	43,512 14 4	9,000 0 0	52,512 14 4	9,000 0 0	43,512 14 4
Capital Stores ..	2,47,800 8 3	1,17,840 11 0	3,65,641 3 3	1,37,397 5 0	2,28,243 14 3	2,49,186 0 3	1,42,579 10 0	3,91,765 10 3	1,56,840 3 0	2,34,925 7 3
Total Rs. ..	6,51,362 5 0	4,61,407 15 3	11,12,770 4 3	5,27,588 8 5	5,85,181 11 10	6,51,010 9 0	5,35,728 11 9	11,86,739 4 9	5,69,613 15 9	6,17,125 5 0
								Balance as per Column 6 ..		5,85,181 11 10
								(*a*) Difference ..		31,943 9 2

(*a*) The difference is due to non-adjustment in the books of the Chief Accountant of the value of the Stores issued to different departments which will be adjusted in the current year's account.

MUNICIPAL OFFICE,
Bombay, 5th November 1934.

H. S. KATRAK, F.C.R.A.,

T. J. PAREKH,
Municipal Auditors.

PART II.

CONTENTS.

A—Vital Statistics— PAGE

REVIEW OF THE YEAR 1933 1
AREA AND POPULATION 1
BIRTHS AND BIRTH-RATE 2
DEATHS AND DEATH-RATE 3
DEATHS BY SEX AND AGE 3
CAUSES OF DEATHS 4
MORTALITY BY MONTHS 5
,, SECTIONS 7
,, OCCUPATIONS 7
INFANT MORTALITY 7
MUNICIPAL NURSES 11
MATERNITY HOMES 12
WELFARE CENTRES 15
METEOROLOGY OF 1933 15

B—Epidemic and other Diseases—

NOTIFICATION OF INFECTIOUS DISEASES 19
PLAGUE 19
SMALL-POX 20
VACCINATION 23
CHOLERA 23
INFLUENZA 23
TUBERCULOSIS 24
MALARIA, ANTI-MALARIAL MEASURES 26
VENEREAL DISEASES 37
DISINFECTION 39
MEDICAL RELIEF 40

C—Public Health Administration—

DIVISIONS OF THE CITY AND DISTRIBUTION OF THE STAFF 41
CONSERVANCY 41
DESTRUCTION OF DOGS 44
MILK SUPPLY 44
UNWHOLESOME FOOD 45
NOTICES UNDER MUNICIPAL ACT AND PROSECUTION .. .. 45 & 46
SANITARY STATE OF THE CITY 46

D—Appendix—

	PAGE.
REPORT OF THE MEDICAL SUPERINTENDENT, ARTHUR ROAD HOSPITAL ..	51
REPORT OF THE MEDICAL SUPERINTENDENT, MARATHA HOSPITAL	58
REPORT OF THE MUNICIPAL ANALYST	63
REPORT OF THE SUPERINTENDENT OF VACCINATION	71

TABLES—

1.	Population by Section	73
2.	Area, Population, Births and Birth-rates by Sections	74
3.	Births by Race	75
4.	Notifications of Infectious Diseases by Sections	76
5.	Cases treated at Municipal Dispensaries	77
6.	Deaths by Sections and Age-periods	78
7.	Deaths by Race and Age	79
8.	Deaths by Ages and Months..	80
9.	Deaths by Sections and Months	81
10.	Deaths by Causes and Sections	82 & 83
11.	Deaths and Death-rates from Principal Causes, 1923-1933	84
12.	Specific Causes of Death by Months	85 to 94
13.	Deaths among Infants by Causes and Months	95
14.	Deaths by Causes and Races	96 & 97
15.	Death-rates by Causes and Races	98
16.	Deaths in Hospitals	100 & 101
17.	Deaths by Causes and Ages	102 to 105
18.	Deaths by Causes and Occupations	106 to 109
19.	Vaccination Operations by Sections	110
20.	Vaccination Operations by Months	111
21.	Vaccination of Infants and Births registered	112
22.	Summary of Sanitary Inspections, etc., by Sanitary Inspectors ..	113
23.	Meteorological Data	114

DIAGRAMS—

		FACING PAGE
'A'	Annual Death-Rate, 1884-1933	3
'B'	Death-Rate from Principal Causes, 1933	5
'C'	Infant Mortality Rate, 1873-1933	7
'D'	Daily mean Births, Deaths and Climatic Conditions in Bombay in 1933.	17
'E'	Deaths from Small-pox, 1903-1933	23

SUMMARY OF STATISTICS

for the year 1933.

Population by the Census of 1931	1,161,383	
Area of Bombay City and Island	24·19	Sq. Miles.
Average density per acre	75	
Number of live-births registered	30,926	
Birth-rate per 1,000 living	26·6	
Number of deaths	27,174	
Death-rate per 1,000 living	23·4	
Number of deaths among infants (under 1 year)	8,320	
Infant deaths per 1,000 births	269	
Plague—number of deaths from	48	
„ Death-rate	0·0	
Small-pox—number of deaths from	2,659	
„ Death-rate...	2·3	
Cholera—number of deaths from	17	
„ Death-rate	0·0	
Influenza—number of deaths from	76	
„ Death-rate...	0·1	
Tuberculosis—number of deaths from	1,594	
„ Death-rate	1·4	

VITAL STATISTICS.

ANNUAL REPORT OF THE
EXECUTIVE HEALTH OFFICER
FOR 1933.

Review of the Year.—The year began with a very severe epidemic of Small-pox which lasted till the 3rd of June 1933. This epidemic is partly responsible for raising the death rate that was going down steadily in the last four successive years. The health conditions otherwise were very good. The number of live births registered during the year was more by 3,752 than the number of deaths that took place in the City. This excess of births over deaths was equivalent to 3·2 per 1,000 of population calculated on the Census of 1931 and was recorded in succession for the third time. Before 1931 there had been no such excess since 1866, the year in which birth records were instituted.

The number of live births registered was 30,926 being 2,032 more than in 1932, 7,474 than the average of the last ten years 1923-1932 and the highest on record since 1866. The birth-rate calculated on the Census population of 1931 was 26·6 births per 1,000.

The total number of deaths from all causes was 27,174 being 4,318 more than in 1932, 1,298 more than the average for the last five years (1928-1932) and 2,596 less than that for the preceding decennium (1923-1932). The death-rate or the number of deaths in the year per 1,000 of the Census population of 1931 was 23·4, as against 19·7 in 1932 and 23·8 the rate recorded for the decennium 1923-1932.

Plague was reported as the cause of 48 deaths during the year as against 37 in 1932 and 255 the average of the last ten years 1923-1932.

Small-pox caused 2,659 deaths as against 313 in 1932 and 737, the average for the last decennium (1923-1932).

Cholera was registered as the cause of 17 deaths being 10 more than in 1932 and 32 less than the average for the ten years (1923-1932).

Influenza was prevalent in a mild form in the City during the year and caused 76 deaths as against 76 in the preceding year and 105 the average for the last decennium (1923-1932).

The deaths from diseases of the Respiratory System numbered 9,102 being 820 more than in 1932 and 1,859 less than the average of the last ten years (1923-1932).

Tuberculosis accounted for 1,594 deaths as against 1,389 in 1932 and 1,553 the average for the preceding decennium (1923-1932).

Seventy-one deaths were due to Malaria, being 5 less than in 1932 and 267 less than the average of the last decennium (1923-1932). There were 1,192 deaths from Ague and Remittent Fever as against 1,217 in 1932. The average number of deaths for the last ten years (1923-1932) from Malaria was 338 and from Ague and Remittent Fever 1,847.

The deaths among infants under one year of age numbered 8,320 against 6,298 in 1932 and 7,595 the average for the last ten years (1923-1932). The rate of infant deaths per 1,000 births registered was 269.

Compared with the decennial averages (1923-1932) the total number of deaths shows a decrease of 2,596, the principal decreases in the mortality being 207 under Plague, 267 under Malaria, 655 under Ague and Remittent Fever, 897 under Diarrhœa, Enteritis and Dysentery and 1,859 under diseases of the Respiratory System. There was also a similar decrease of 32 deaths under Cholera, 37 under Measles and 29 under Influenza. On the other hand, there was an increase of 80 deaths under Enteric Fever, 1,922 under Small-pox and 41 under Tuberculosis.

Area and Population.—The area of the City and Island is 24·19 square miles. The area has been increased by 414·68 acres on account of the Reclamation Works at Back Bay. Of the increased area 246·87 acres are in Middle and Lower Colaba, 77·81 acres in Esplanade and 90·00 in Dhobi Talao Sections. The average density of population of the City worked out on the increased area is 75 per acre, as shown by Sections in Table No. 2 (Appendix.)

The population at the Census of 1931 numbered 1,161,383, as shown below by Wards and in Table No. I (Appendix) by Sections. On this population, the calculations of birth-rates and death-rates have been based in this Report :—

Ward.	Population.		Comparison of figures in Col. 3 with those in Column 2.
	By the Census of 1921.	By the Census of 1931.	
A	74,440	64,020	— 10,420
B	129,575	114,365	— 15,210
C	198,384	205,476	+ 7,092
D	146,029	153,593	+ 7,564
E	276,149	273,050	— 3,099
F	145,285	159,514	+ 14,229
G	167,920	163,775	— 4,145
Harbour, Docks, Railways and Unknown ..	38,132	27,590	— 10,542
Total	1,175,914	1,161,383	— 14,531

It will be seen from the above table that compared with the Census 1921, the population has decreased by 14,531 or 1·23 per cent. as against an increase of 20 per cent. during the decennium 1911-1920.

As stated in my Report for 1930 the fluctuation in the population was the result of trade and other conditions existing in the City at the time of the Census operations and is not a permanent loss to the City population. Since the difference during the decennium (1921-30) was only 14,531 (1·23 per cent.) or 1,453·1 per year it is advisable to work out the birth-rates and death-rates on the Census population until the Census figures for 1941 are available.

BIRTHS AND BIRTH-RATES.

The number of live births registered during the year was 30,926 excluding 2,338 still-births. It was 2,032 more than in 1932 and 7,074 more than the average of the decennium 1923-1932.

The birth-rate calculated on the Census population of 1931 was equivalent to 26·6 births per 1,000.

Of the children whose births were registered 15,984 were males and 14,942 females, the proportion of males to females being 1,070 to 1,000.

The birth-rate recorded year by year for the City is probably by no means a fair measure of the true fertility of the population and is certainly underestimated. This defect is in part due to the custom whereby married women leave the City for their confinement and register their children in the mofussil districts where they are born and partly to the negligence of the parents to give information of the birth to the Municipality.

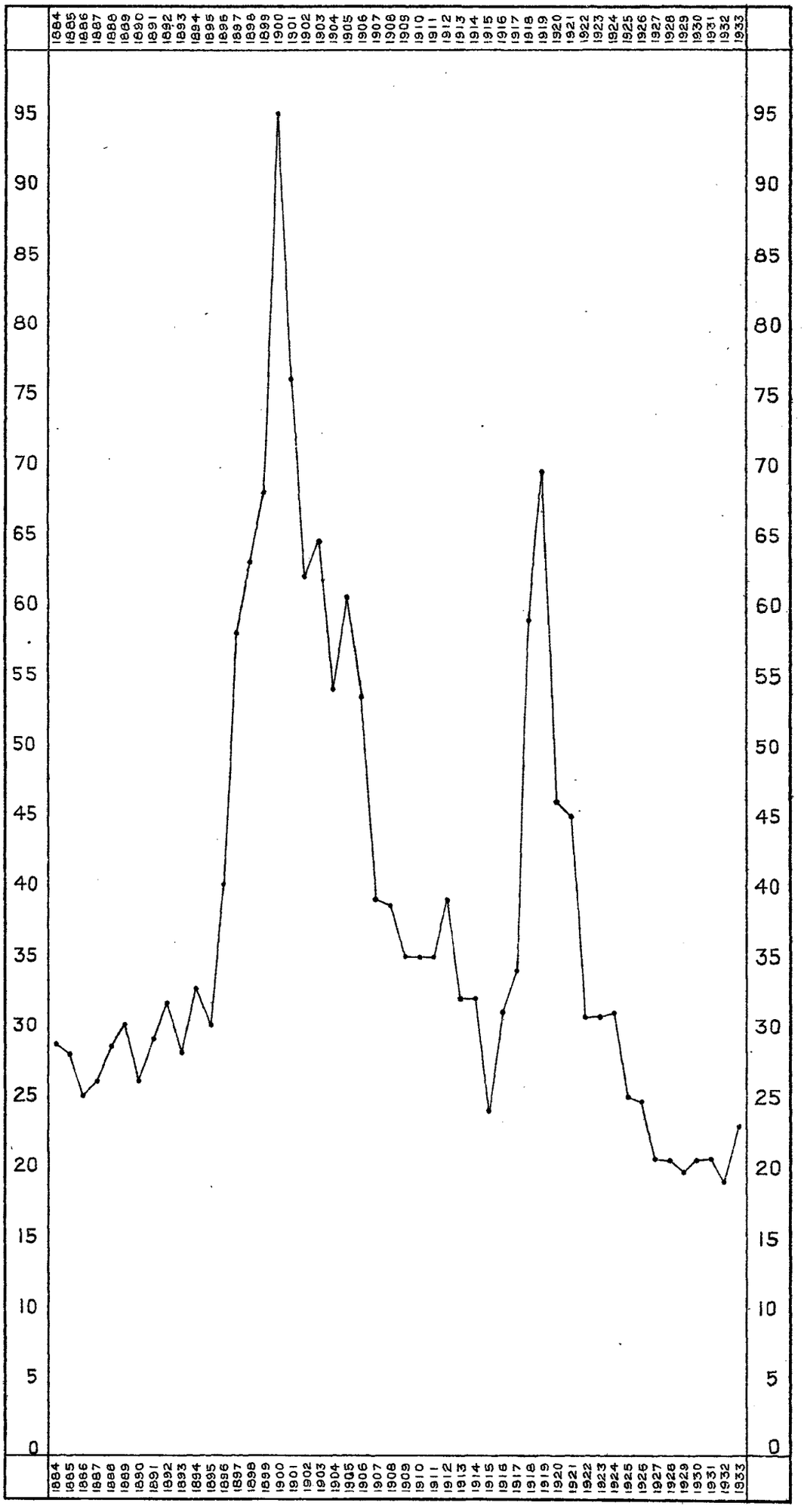
The negligence in registering births has been obviated to some extent by the maternity benefit offered to the labour classes who now voluntarily get the births of their children registered to procure birth certificates and claim the benefit.

Births by Months.—The following table shows the number of births registered in each month of 1931, 1932 and 1933, and the average of the preceding five years. The noteworthy feature of the table is that the number of births registered is considerably higher in the

A

DIAGRAM

ANNUAL DEATH-RATE IN BOMBAY 1884-1933.



last half of the year than it is in the first; a feature repeated in the return year after year without exception :—

Period.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1928-32 ..	2,396	1,979	1,904	1,894	1,814	1,889	2,028	2,076	2,172	2,549	2,572	2,660	25,933
1931	2,458	1,988	2,001	1,929	2,005	2,005	2,102	2,147	2,301	2,737	2,737	2,764	27,204
1932	2,827	2,246	1,955	2,145	1,816	2,061	2,276	2,255	2,376	2,802	2,904	3,231	28,894
1933	2,751	2,137	2,172	2,189	2,254	2,260	2,397	2,413	2,671	3,047	3,255	3,380	30,926

Of the total number of births 33,264 (including 2,338 still-births) 23,487 or 70·6 per cent. took place in the Municipal Government and private Institutions doing maternity work (*vide* pages 13 & 14).

Birth-Rate by Races.—It will be seen from Table No. 3 appended to this Report that among the different communities inhabiting the City, Hindus Low Caste (42), Jews (34), Indian Christians (33) showed birth-rates higher than the rate for the whole population. The lower birth-rate, namely 12 was recorded for Europeans as against 15 in 1932.

Still-Births.—The number of infants certified as still-born was 2,338 as against 2,024 in 1932 and the decennial average 1,882. Still-births are excluded in this Report from all figures relating to deaths and to births not expressly defined as still-births.

DEATHS AND DEATH-RATES.

The total number of deaths registered from all causes during the year 27,174 against 22,856 in 1932. It was 1,298 more than the average annual mortality of 1928-1932 and 2,596 less than the average annual mortality of the preceding 10 years (1923-1932).

The death-rate per 1,000 persons living was 23·4 as against 19·7 in 1932, 21·6 in 1931 and 23·8 the average for the preceding decennium. The death-rate (like the birth-rate) is invariably high amongst the poorer classes, and as an unduly large proportion of the population of the City belongs to the most poorly paid sections of the society, the general death rate is raised by that of the unusually large proportion of the very poor. The Census of 1931 showed that 74 per cent. of the population belong to the poorer classes and live in one-room tenements.

The annual death-rates during the last fifty years are indicated in the Diagram A facing this page.

Mortality by Sex and Age.—Of the total number of 27,174 deaths in the year, 14,809 were among males and 12,365 among females. The larger number of deaths among males is due to the preponderance of males who constitute nearly fifty-five per cent. of the population, the actual death-rate being higher among females. Thus the male death-rate was 19 and the female death-rate 29 in 1933 as against 16 and 26 respectively in 1932.

The following table shows the proportional contribution to the total deaths of each age-group in the two sexes :—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1931, 1932 AND 1933.

Age-period.	1931.		1932.		1933.				Persons.	
					Males.		Females.			
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.	Percentage.
Under 1 year ..	7,401	29.5	6,298	27.6	4,503	30.4	3,817	30.9	**8,320**	**30.6**
1 to 5 years ..	3,981	15.4	3,855	16.8	2,246	15.2	2,424	19.6	**4,670**	**17.2**
5 to 10 ,, ..	529	2.1	549	2.4	419	2.8	464	3.7	**883**	**3.2**
10 to 15 ,, ..	401	1.6	368	1.6	202	1.4	258	2.1	**460**	**1.7**
15 to 20 ,, ..	789	3.1	722	3.2	407	2.7	464	3.7	**871**	**3.2**
20 to 30 ,, ..	2,844	11.3	2,548	11.1	1,576	10.6	1,435	11.7	**3,011**	**11.1**
30 ro 40 ,, ..	2,613	10.5	2,373	10.4	1,569	10.6	967	7.8	**2,536**	**9.3**
40 to 50 ,, ..	1,957	7.8	1,749	7.6	1,232	8.3	608	4.9	**1,840**	**6.8**
50 to 60 ,, ..	1,629	6.5	1,524	6.7	1,058	7.2	517	4.2	**1,575**	**5.8**
60 years & above.	3,061	12.2	2,870	12.6	1,594	10.8	1,411	11.4	**3,005**	**11.1**
Age unspecified. .	..	..	..	..	3	0.0	..	..	**3**	**0.0**
Total ..	25,105	100.0	22,856	100.0	14,809	100.0	12,365	100.0	**27,174**	**100.0**

It will be seen from the table that the percentage of deaths among infants under one year of age to the total mortality in the year under notice was higher, as in the past, than in the case of any other age-group.

CAUSES OF DEATHS.

The tabulation of deaths by causes is carried out, as explained in the Annual Report for 1920, page 5, in accordance with the "Manual of International List of Causes of Deaths as adapted for use in England and Wales," 1926 Edition. Table No. 12 (Appendix) includes the full list of causes of death. All other abstracts of the cause of death are arranged in the form of the Short List of causes adopted by the Registrar-General for England and Wales and the Local Government Board with certain sub-divisions which were found important for tabulation purposes in the City of Bombay.

Certification of Cause of Death.—The total number of certificates of the cause of death received during the year was 9,474 against 8,004 in 1932; of these 3,452 were from private qualified Medical Practitioners, 19 from Hakims and Vaidyas, and 5,111 from the Medical Officers of various Hospitals, the cause of death in 135 cases was certified by the Commissioner of Police and in 757 cases by the Coroner of Bombay.

The percentages of deaths certified to the total number of deaths in 1933 and the preceding five years are shown in the following table:—

Year.	Number of Certificates of the Cause of Death received from						Percentage of Total Certificates received to the Total Mortality.
	Medical Officers of Hospitals.	Private Medical Practitioners.	Hakims and Vaidyas.	Commissioner of Police.	Coroner of Bombay.	Total.	
1928	4,483	3,056	26	268	641	8,474	31.02
1929	4,769	3,325	15	260	899	9,259	34.86
1930	3,929	3,242	15	198	518	7,902	28.68
1931	4,213	3,484	10	128	621	8,456	33.68
1932	4,031	2,963	9	170	831	8,004	35.02
1933	5,111	3,452	19	135	757	9,474	35.06

The figures show that there was no marked increase in the number of certified deaths than those received in 1932.

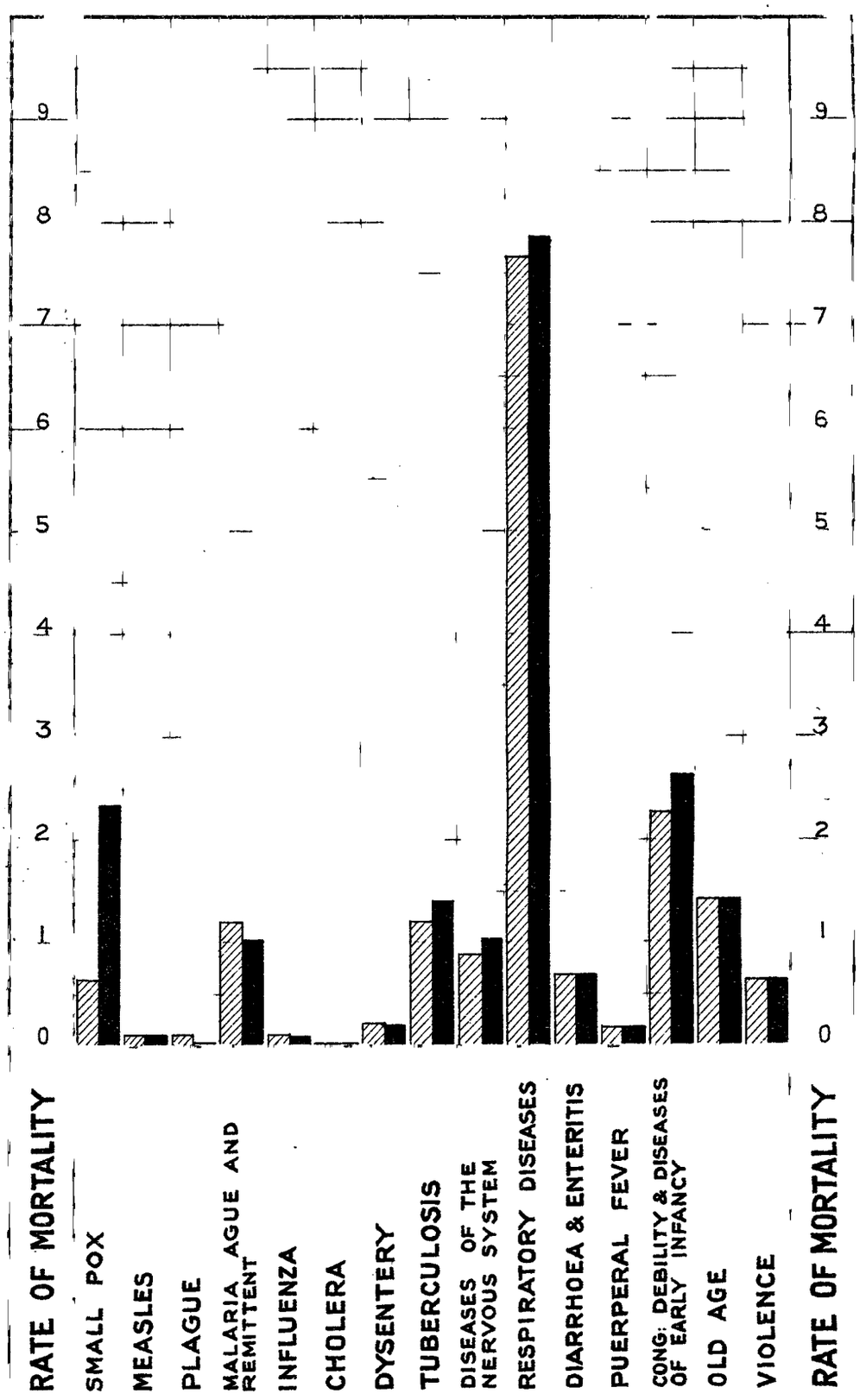
The District Registrars verified the cause of death in 17,700 cases on the information gathered from the relatives of the deceased.

Copies of Certificates issued.—During the year 1,944 copies of certificate of registry of death, 1,704 copies of certificates of birth and 17 true copies of birth and death reports and medical certificates were issued. The total fees received for copies of certificates and reports, for searches of birth and death registers for various periods and for producing registers in Courts of Law, amounted to Rs. 4,218-2-6 against Rs. 4,456 in 1932.

B

DIAGRAM

DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1933 AND THE QUINQUENNIAL AVERAGES IN 1928–1932



THE TIMES OF INDIA PRESS, BOMBAY.

Principal Causes of Deaths.—Table of Deaths and Death-rates from Epidemic Diseases and certain other Principal Causes of Death in 1933 and 1932 with averages for 10 years (1923-1932):—

Causes of Death.	1933.		1932.		Average of years (1923-1932.)	
	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.
Principal Epidemic Diseases.						
Small-pox	2,659	2.3	313	0.2	737	0.6
Measles	86	0.1	100	0.1	120	0.1
Plague	48	0.0	37	0.0	255	0.2
Enteric Fever	241	0.2	185	0.2	161	0.1
Malarial Fever	71	0.0	76	0.0	338	0.3
Ague and Remittent Fever ..	1,192	1.0	1,217	1.0	1,847	1.5
Relapsing Fever	..	....	1	0.0	1	0.0
Influenza	76	0.1	76	0.1	105	0.1
Cholera	17	0.0	7	0.0	49	0.0
Dysentery	230	0.2	301	0.2	558	0.4
Diphtheria	33	0.0	29	0.0	15	0.0
Other Principal Diseases.						
Tuberculosis	1,594	1.4	1,389	1.2	1,553	1.2
Diseases of the Nervous System..	1,144	1.0	905	0.8	1,259	1.0
,, ,, Respiratory System ..	9,102	7.8	8,282	7.1	10,960	8.8
Diarrhœa and Enteritis	805	0.7	667	0.6	1,374	1.1
Puerperal State	234	0.2	194	0.2	244	0.2
Congenital Debility and Diseases of early Infancy	3,025	2.6	2,694	2.3	3,203	2.5
Old Age	1,590	1.4	1,592	1.4	2,047	1.6
Leprosy	31	0.0	58	0.0	69	0.1
Violence	690	0.6	785	0.7	729	0.6
Other Causes	4,306	3.7	3,948	3.4	4,146	3.3
Total ..	27,174	23.4	22,856	19.7	29,770	23.8

It will be seen from the table and Diagram B that diseases of the Respiratory System caused as usual, a higher death-rate 7·8 than any other group. Congenital Debility and Diseases of early Infancy constituted the next most fatal group giving a death-rate of 2·6 per 1,000 persons living. The groups coming next on the list for the year under report are the deaths attributed to Small-pox (2·3), Old Age and Tuberculosis (1·4) each and Malaria, Ague and Remittent Fever (1·0).

Scarlet Fever and Whooping Cough have been omitted from the above short table of principal causes. Scarlet Fever has not been registered as a cause of any death during the last 10 years and the average annual number of deaths from the other disease is only 9.

Table No. 12 appended to the Report gives detailed information regarding deaths by months and causes.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1933 is discussed on pages (19) to (36).

The mortality rates from several diseases among different races in the City are shown in Table No. 15 appended to the Report.

Mortality by Months.—The following table shows the total number of deaths registered on each day and in each month of the year. The number of monthly total deaths in 1932 is added to the table for comparison.

TABLE SHOWING THE DAILY AND MONTHLY TOTAL DEATHS IN 1933 AND THE MONTHLY NUMBER IN 1932.

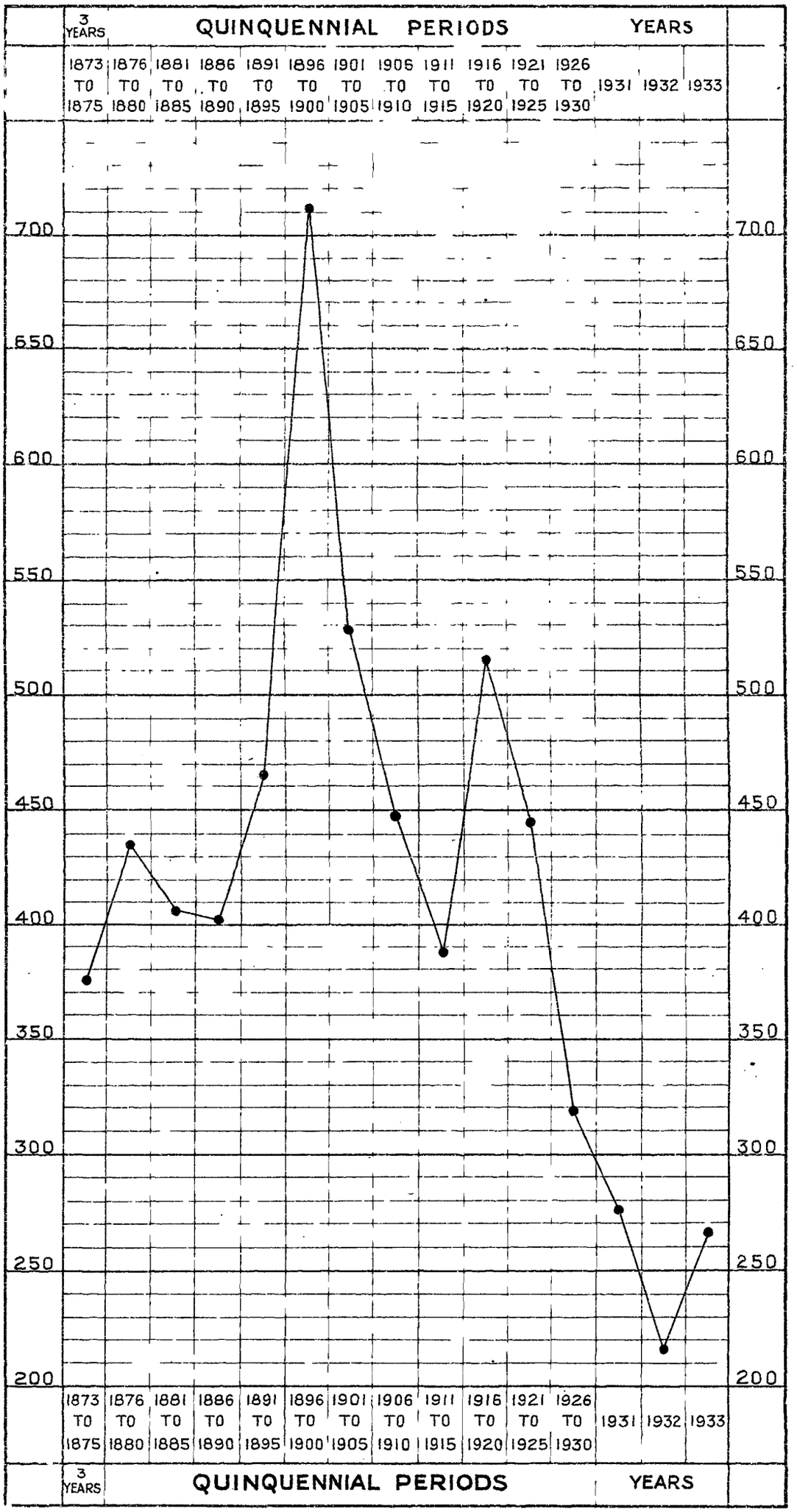
Date.		MONTHS.												
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1	..	57	101	97	106	74	74	83	55	67	74	67	66	
2	..	69	83	81	88	54	52	87	59	68	69	61	57	
3	..	71	106	89	95	81	57	64	65	59	70	78	60	
4	..	70	90	97	83	94	50	84	82	72	74	75	66	
5	..	70	89	99	72	56	74	88	63	84	79	68	67	
6	..	81	91	78	98	73	65	87	63	75	68	79	59	
7	..	78	98	107	88	65	56	72	69	65	78	75	57	
8	..	58	92	105	64	64	81	67	58	70	75	72	54	
9	..	87	99	102	79	73	73	55	61	59	89	70	85	
10	..	77	94	95	86	78	75	64	72	60	75	65	56	
11	..	66	90	87	96	68	60	72	51	71	85	74	64	
12	..	95	99	100	91	70	91	65	60	49	81	74	83	
13	..	68	109	101	80	64	71	65	62	62	72	53	59	
14	..	78	86	117	83	79	59	58	59	76	93	66	67	
15	..	77	109	94	73	59	70	70	80	67	85	59	57	
16	..	74	117	123	63	74	75	66	47	71	84	47	52	
17	..	81	89	104	67	70	68	62	60	72	66	77	71	
18	..	87	105	102	82	55	82	57	48	78	56	60	64	
19	..	75	99	88	83	86	72	63	59	67	73	50	75	
20	..	87	117	101	81	54	84	72	44	79	75	63	63	
21	..	68	112	107	66	83	72	69	53	65	73	57	73	
22	..	59	95	78	63	76	73	72	75	67	64	62	61	
23	..	79	109	86	64	64	75	53	77	81	73	50	66	
24	..	77	93	88	74	58	72	77	63	65	63	60	72	
25	..	91	113	87	62	72	70	85	44	69	76	57	48	
26	..	92	98	105	75	68	76	71	63	90	62	63	73	
27	..	86	117	95	61	73	73	58	64	84	81	72	62	
28	..	90	114	97	74	64	62	53	78	65	77	70	66	
29	..	103	..	91	72	72	75	53	64	73	49	68	52	
30	..	101	..	89	51	83	74	52	72	64	65	58	72	
31	..	98	..	86	..	58	..	60	68	..	64	..	60	
Total.	1933..	2,450	2,814	2,976	2,320	2,162	2,111	2,104	1,938	2,094	2,268	1,950	1,987	27,174
	1932..	2,023	1,721	1,884	1,831	2,101	1,652	1,698	1,946	2,012	2,074	1,869	2,045	22,856

The rise in the mortality registered during the months of January, February, March, April and October was due to diseases of the Respiratory System, Ague and Remittent Fever and Small-pox. The rise in the Infant Mortality during the months of August to October was due to continuous rain.

The incidence of deaths from principal causes in different months is shown in Table No. 12 appended to this Report.

DIAGRAM

DEATHS IN INFANTS PER 1000 BIRTHS IN BOMBAY 1873 — 1933.



THE TIMES OF INDIA PRESS, BOMBAY.

Mortality by Sections.—It will be seen from Table No. 6 (Appendix) which gives total deaths and death-rates in each Section in 1933 and the quinquennial averages for 1928-1932 that rates higher than the general death-rate were recorded in Kamatipura (29·9), Sewri (28·7), Byculla (28·0), Mahim (27·5), Worli (27·0), Umerkhadi (27·0), Tardeo (26·5), Tarwadi (25·6), Parel (24·3), Khetwadi (23·8), and Kumbharwada (23·7).

The Sections of Tarwadi, Upper Colaba, Esplanade, Byculla and Parel contain Hospitals and would exhibit a much lower death-rate, but for the fact that for want of residential addresses of many of the patients who die in those institutions, the deaths have to be referred to the sections containing the Hospitals instead of to those where the patients resided before admission.

Upper Colaba contains the Colaba Station (Military) Hospital (117 beds) and the British Family Hospital (42 beds).

Esplanade contains the St. George's Hospital (220 beds), Cama and Allbless Hospitals (150 beds), Gokuldas Tejpal Hospital (200 beds) and the Indian Military Hospital (75 beds).

Tarwadi contains the Sir Jamshedji Jijibhoy Hospital (379 beds), Bai Motlibai and D. M. Petit Hospitals (60 beds) and the Maratha Hospital (80 beds).

Byculla contains the St. Joseph's Foundling Home, the Arthur Road Infectious Diseases Hospital (252 beds), Adams Wylie Hospital (69 beds) and Bai Yamunabai L. Nair Hospital (74 beds).

Parel contains the King Edward VII Memorial Hospital (354 beds), the Nowroji Wadia Maternity Hospital (150 beds) and the Bai Jerbai Wadia Hospital for Children (102 beds).

Khetwadi contains the Sir Harkisondas Hospital (110 beds).

Walkeshwar contains the Parsee General Hospital (163 beds).

Death by Occupation.—The death-rate recorded for persons following different occupations are shown in Table No. 18 appended to the Report.

INFANT MORTALITY.

The deaths among infants under one year of age numbered 8,320, being 2,022 more than in the preceding year and 725 more than the annual average in the decennium 1923-1932.

The infant mortality rate expressed as the number of deaths in infants per 1,000 registered births was 269 for the year 1933. The lowest rate was 218 registered in 1932.

Of the 8,320 infants who died within one year from their birth, 7,270 or 87·4 per cent. were born in Bombay City and 1,050 or 12·6 per cent. in the mofussil (*vide* Table at page) showing the place of birth of these infants. The births of these 1,050 infants were thus not registered in the City register. If, therefore, the figure 1,050 be excluded from the total number of infants who died in the City during the year, the rate of infant deaths per 1,000 births registered would be 235·4 instead of the official figure 269 as shown above.

The Diagram C facing this page shows the incidence of Infant Mortality rate during the last 55 years.

Cause of Death.—It will be seen from Table No. 13 (Appendix) that 5,841 or nearly 70·2 per cent. of the total deaths in infants were due to diseases of the Respiratory System, Infantile Debility and Premature Births, against 4,901 deaths or 77 per cent. in 1932. Diarrhœa and Enteritis caused 414 deaths, Malaria, Ague and Remittent Fever 137 deaths, Fever not defined 39 deaths and Convulsions 594 deaths. The deaths from Small-pox and Measles numbered 717 and 18 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM 1928 TO 1933.

Cause of death.	1928.	1929.	1930.	1931.	1932.	Average (1928 to 1932).	1933.	More or less.
Small-pox	127	240	449	2	69	177	**717**	+ 540
Measles	23	37	41	15	16	26	**18**	— 8
Malarial Fever	13	18	13	5	4	11	**9**	— 2
Ague and Remittent Fever and Fever not defined ..	143	169	203	198	147	172	**167**	— 5
Diarrhœa and Enteritis ..	268	303	350	366	280	313	**414**	+ 101
Dysentery	28	23	39	34	27	30	**19**	— 11
Infantile Debility and Malformation including Premature Birth	3,105	2,779	2,791	2,987	2,685	2,869	**3,019**	+ 150
Diseases of the Respiratory System	2,630	2,523	2,529	2,646	2,217	2,509	**2,828**	+ 319
Convulsions	654	662	626	620	422	597	**594**	— 3
All Causes	7,468	7,225	7,506	7,401	6,298	7,180	**8,320**	+ 1,140

Quinquennial Averages.—Compared with the averages of the preceding five years, the total number of deaths was more by 1,140, the principal increase in the mortality being 540 under Small-pox, 101 under Diarrhœa and Enteritis, 150 under Infantile Debility and Premature Births and 319 under diseases of the Respiratory System.

Age at Death.—The following table classifies the infantile deaths from principal causes in 1933 under the age groups, under 7 days, 1-4 weeks, 1-6 months and 6-12 months :—

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1933.

Age-Period	Small-pox.	Measles.	Malarial Fever	Ague and Remittent Fever and Fever not defined.	Diarrhœa and Enteritis.	Dysentery.	Infantile Debility and Malformation including Premature Birth.	Diseases of the Respiratory System.	Convulsions.	All causes.	Percentage of death in age period to the total deaths under 1 year of age.
Under 7 days ..	..	..	..	2	24	..	1,404	24	118	1,699	20.4
1 to 4 weeks ..	17	..	1	4	98	1	983	64	122	1,338	16.1
Total under 4 weeks.	17	..	1	6	122	1	2,387	88	240	3,037	36.5
4 weeks to 6 months..	313	3	2	65	145	4	518	957	247	2,368	28.5
6 months to 12 months	387	15	6	96	147	14	114	1,783	107	2,915	35.0
Total ..	717	18	9	167	414	19	3,019	2,828	594	8,320	100.0

Of the total deaths among infants, 1,699 or 20·4 per cent. took place in the first week of life and 1,338 or 16 per cent. in the age period of 1 to 4 weeks.

The mortality among infants who had not completed the first month of life was thus 3,037 or 36·5 per cent. of the total infant deaths. The number of deaths in the groups 4 weeks to 6 months and 6 to 12 months was 2,368 and 2,915 being respectively 28·5 and 35 per cent. of the total infant mortality.

TABLE OF PERCENTAGE OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE PERIODS IN 1933.

Age-Period.	Small-pox.	Measles.	Malarial Fever.	Ague and Remittent Fever and Fever not defined.	Diarrhœa and Enteritis	Dysentery.	Infantile Debility and Malformation including premature Birth.	Diseases of the Respiratory System.	Convulsions.	Other causes.	All causes
Under 7 days ..	..	..	..	0.2	1.4	..	82.0	1.4	7.5	7.5	100.0
1 to 4 weeks.	1.2	..	0.1	0.3	7.3	0.1	73.5	4.8	9.1	3.6	100.0
4 weeks to 6 months ..	13.2	0.1	0.1	2.7	6.1	0.2	21.9	40.4	10.4	4.9	100.0
6 to 12 months ..	13.3	0.5	0.3	3.3	5.4	0.0	3.9	61.2	3.7	8.4	100.0
Total ..	8.6	0.2	0.1	2.1	5.0	0.2	36.3	34.0	7.1	6.4	100.0

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of deaths in the first 4 weeks of life and the large proportion of deaths from Respiratory diseases during the remaining 11 months of infancy.

Infant Mortality by Months.—The sub-joined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages of 1 year and upwards is also inserted.

Age-Period.	NUMBER OF DEATHS.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Under 1 year ..	669	787	867	715	633	637	694	616	702	786	598	616	8,320
1 year and upwards ..	1,781	2,027	2,109	1,605	1,529	1,474	1,410	1,322	1,392	1,482	1,352	1,371	18,854

Table No. 13 appended to the Report shows the number of deaths among infants under one year of age by causes in detail and by months.

Infantile Mortality by Races.—The following table shows the death-rates among infants of different Nationalities and Castes :—

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1933.

Race or Caste.	Deaths under 1 year.	No. of Births registered.	Infant Mortality per 1,000 of births registered.
Hindus, low caste	1,303	4,384	297
Hindus, other castes	5,003	17,568	284
Musalmans (including Negro, Africans) ..	1,287	5,149	249
Parsees	111	1,091	101
Jews	35	296	118
Indian Christians	530	2,153	246
Anglo-Indians	22	125	176
Europeans	7	131	53
Buddhists	7	20	350
Other & Unknown castes.	15	9	....
Total	8,320	30,926	269

Infant Mortality by Sections.—The death-rates among infants under one year of age per 1,000 births registered in several Sections of the City are shown in the last column of Table No. 2 appended.

In the case of each death of an infant, special inquiries were made by the District Registration Staff of the Health Department as to whether the birth of the child had taken place in the City or outside it, and if the former, whether the birth was registered in the City registers before or after death. The result of this inquiry is embodied in the sub-joined statement with a view to ascertain the incidence of infant mortality in a class of population inhabiting a particular locality.

Statement showing the place of Birth of Children who died before completing twelve months of age in 1933.

Ward.	Sections.	Bombay Born. Births Registered.		Born out of Bombay.	Total.
		Before Death.	After Death.		
A	Upper Colaba	14	....	2	16
	Middle and Lower Colaba	76	2	10	88
	Fort, South	1	....	....	1
	Fort, North	121	4	31	156
	Esplanade	63	2	8	73
B	Mandvi	179	5	41	225
	Chukla	75	3	10	88
	Umarkhadi	269	12	31	312
	Dongri	77	3	12	92
C	Market	170	16	45	231
	Dhobi Talao	234	26	40	300
	Fanaswadi	174	12	26	212
	Bhuleshwar	184	9	30	223
	Khara Talao	111	5	27	143
	Kumbharwada	201	12	39	252
D	Khetwadi	230	13	42	285
	Girgaum	233	11	37	281
	Chowpati	60	2	13	75
	Walkeshwar	58	2	10	70
	Mahalakshmi	200	13	37	250
E	Mazgaon	197	12	47	256
	Tarwadi	288	16	39	343
	Second Nagpada	93	7	14	114
	Kamathipura	255	18	37	310
	Tardeo	195	9	33	237
	Byculla	721	39	90	850
	First Nagpada	30	2	6	38
F	Parel	406	20	46	472
	Sewri	217	13	29	259
	Sion	457	23	51	531
G	Mahim	360	23	53	436
	Worli	882	51	106	1,039
	Harbour, Docks, Railways and Unknown	50	4	8	62
	Total	6,881	389	1,050	8,320
	Percentage	82·7	4·7	12·6	100·0

This information has been introduced only since 1930 and during these three years, a material change is noticed. The percentage of deaths amongst children born in the mofussil and not registered in the City to the total infant deaths in 1933 is 12·6 against 12·4 in 1932 and 16 in 1931, and about 32 in 1927.

INFANT MORTALITY BY THE NUMBER OF ROOMS OCCUPIED IN 1933.

Number of Rooms.	Births.		Deaths in Infants.		Infant Mortality per 1,000 Births Registered.	
	Number.	Percentage.	Number.	Percentage.	1933.	1932.
Road side	7	0·0	20	0·2	..	..
1 Room and under ..	18,611	60·4	6,408	77·0	344	438
2 Rooms	7,033	22·7	1,414	17·0	201	265
3 Rooms	690	2·2	121	1·5	175	264
4 or more rooms ..	1,920	6·1	299	3·6	155	129
Hospitals	2,685	8·6	58	0·7	21	66
Total	30,926	100·0	8,320	100·0	269	218

The percentage of population occupying tenements of one room to the total number of occupants of all classes of tenements in the City by the Census of 1931 was 74. Of the 30,926 births registered in the year, 18,618 or 60.4 percent occurred in families living alone in a single room or sharing it with others and the number of deaths in infants in this class of population was 6,408 or 77 per cent. of the total infant mortality.

It will be observed from the statement that the rate of deaths among infants in single room tenements per 1,000 births in such tenements during the year was 344 as against 438 in 1932 and that the proportion of deaths to births varies inversely as the number of rooms occupied by the parents.

Prevention of Infantile Mortality.

The work which is being done in Bombay for the reduction of infant mortality may be described under the following heads :—

(*i*) Visits by the Municipal District Nurses for the purpose of getting into touch with prospective mothers and for discovering cases of sickness especially among women and children and unvacinated children ; for enquiry into the condition of new born infants ; and for giving instruction by homely talks as to the care and rearing of children.

(*ii*) Attendance on confinements.

(*iii*) Provision of necessaries and comforts during the lying-in period.

(*iv*) Maternity Homes.

(*v*) Infant Welfare Centres and Infant Milk Depots.

Municipal Nurses.—The number of Municipal Nurses employed is ten, one being attached to each of the ten District Registrar's offices. They visit daily the localities and the chawls inhabited by the poor and help to diffuse and popularise elementary knowledge of the principles of health and hygiene and to carry such knowledge into the homes and lives of the ignorant ; they give advice on the prevention of disease and the care and up-bringing of infants and bring to the notice of the authorities unregistered births, unvaccinated children and cases of sickness ; they also persuade prospective mothers to go to the Maternity Homes provided for them free. Where this provision is not taken advantage of, they attend on the women in their own houses providing them with bedding for their confinement, and with food in shape of milk and bread, etc., during the first seven days of the puerperal period. The visits of the Nurses are frequently the means of bringing to the Municipal Dispensaries sick persons who would otherwise either not know the existence of the facilities provided or knowing would, through indifference and apathy, neglect to benefit by them. These visits are doing much good and are welcomed and appreciated by those for whose benefit they are paid.

Summary of Work.—During the year the Municipal Nurses paid 29,679 visits to houses, chawls and huts (against 21,493 in 1932) inquired into 2,450 cases of ordinary sickness and reported 156 cases of infectious diseases and 260 deaths in the female population of the City. They also attended on 1,341 confinements (against 1,141 in 1932) and verified the reports of the Birth Karkuns on 5,604 births.

The following table summarises the information obtained by the Nurses in attendance on confinements and in visits to infants and young children :—

SUMMARY OF INQUIRIES AND OF WORK OF MUNICIPAL NURSES AND MIDWIVES, 1928-1933.

	1928.	1929.	1930.	1931.	1932.	1933.
Total number of births (including) still-born registered..	25,843	26,080	27,342	29,368	30,914	33,264
Percentage of Still-birth to the total number of births registered	7.1	7.1	7.4	7.4	6.5	6.7
Number verified by the Nurses	10,813	10,075	10,320	10,623	9,142	8,642
Percentage of number verified to the total	41.9	38.6	37.7	36.2	29.6	25.9
Percentage of the confinements unattended	5.2	4.0	4.2	4.3	4.8	3.4
Percentage of confinements attended by unskilled women	34.1	35.2	29.1	25.8	27.5	26.0
Percentage of the confinements attended by qualified Nurses (other than Municipal)	9.2	9.4	9.4	9.2	10.0	7.9
Percentage of the confinements attended by Municipal Nurses	12.7	10.8	12.0	11.3	12.4	15.5
Percentage of children born in Hospital	38.8	40.6	45.3	49.4	46.3	44.9
Percentage of children born in healthy condition ..	69.5	64.6	69.3	68.5	68.1	70.2
Percentage of children fed on breast	72.3	66.5	71.4	67.7	73.9	71.9
Percentage of children dying within 30 days	10.4	8.6	8.3	7.5	7.3	6.9
Percentage of the cases where the mothers leave home for work	31.2	30.4	29.9	26.9	26.4	24.8

It will be seen from the above table that of the total number of 33,264 births (including 2,338 still-births) registered in the City during the year under report, 8,642 or 26.0 were verified by the Municipal Nurses as against 9,142 or 29.6 per cent. in 1932.

The proportion of births wholly unattended was 3.4 per cent. among the cases where inquiries were made, and that of confinements attended by unskilled women 26.0 as against 4.8 and 27.5 respectively in 1932.

The percentage of confinements attended by qualified midwives (other than Municipal) was 7.9 as against 10 in 1932 and that of confinements attended by Municipal midwives was 15.5 as against 12.4 in the previous year. The percentage of children born in Hospitals (44.9) showed a decrease of 1.4.

The percentage of children born in healthy condition was 70 as against 68 in the preceding year and that of children fed on breast was 72 as against 74 of 1932.

The proportion of children dying within 30 days of birth fell from 7.3 in 1932 to 6.9 in 1933.

The percentage of mothers who left home for work leaving their children to the care of others was 25 as against 26 in 1932.

Relief to poor women during confinement in the shape of necessaries and comforts such as milk, bread, blankets, charpoys and linen was continued during the year and dispensed in 305 cases against 285 in 1932 and 268 in 1931.

Municipal Maternity Homes.—There are now five Maternity Homes maintained by the Municipality.

The number of women admitted to the Homes and the number of beds in each Home was as follows :—

Maternity Home.	Number of Cases.		Number of Beds.
	1933.	1932.	
Mohammed Haji Saboo Sidik's Maternity Home at Bellasis Road.	1,227	1,102	37
Kamar Khanum Maternity Home at Victoria Cross Road...	1,345	1,051	50
Mahommed Haji Saboo Sidik's Maternity Home at Imamwada.	803	642	19
Mahomed Haji Sabu Sidik's Maternity Home at Worli ..	727	626	16
Sorabji Shapurji Engineer Maternity Home at Khetwady..	609	477	12
Total ..	4,711	3,898	134

The total number of women admitted during the year was thus 4,711 as against 3,898 in 1932. The number of cases confined in the Homes was 4,226 as against 3,515 in 1932. Of the women confined, 920 were primiparæ.

The following statement gives the number of confinement cases in each of the Municipal Government and Private institutions doing Maternity work during the last five years (1929–1933) :—

Serial No.	Maternity Home.	No. of Beds.	1929.	1930.	1931.	1932.	1933.
1	Mahomed Haji Sabu Sidik Maternity Home, Bellasis Road	37	1,004	1,078	1,071	967	1,038
2	Mahomed Haji Sabu Sidik Maternity Home, Imamwada	19	592	680	500	589	756
3	Kamar Khanum Maternity Home, Victoria Cross Road	50	856	841	907	932	1,211
4	Mahomed Haji Sabu Sidik Maternity Home, Worli	16	299	445	525	564	636
5	Sorabji Shapurji Engineer Maternity Home, Khetwady	12	..	..	343	463	585
6	Infant Welfare Society's Home, DeLisle Road ..	20	..	..	..	387	636
7	Infant Welfare Society's Home, Worli	29	..	..	309	464	485
8	Wari Bunder Port Trust Maternity Home ..	14	240	300	531	456	481
9	Ahiliabai Free Maternity Home	5	38	37	39	37	42
10	Ajinkya Hospital	16	231	244	240	229	184
11	Albless & Cama Hospital	50	1,909	2,189	2,289	2,437	2,974
12	Amins Maternity & Gynæcological Hospital ..	12	..	..	..	48	113
13	Anand Maternity Home	4	74	51	55	41	39
14	B. D. Petit Parsee General Hospital	20	91	102	101	52	24
15	Bai Chanabai Peraj & Keshavji Damji, Esqr. Maternity Home	12	..	..	33	51	116
16	Bai Motlabai & Petit Hospital	40	1,206	1,457	1,338	1,304	1,695
17	Bombay Nursing Home. (Dr. Bhajeker's) ..	2	..	..	..	8	12
18	Bhatia General Hospital	10	..	..	..	26	61
19	Bhatia Maternity Home	12	207	213	231	297	317
20	Dr. B. D. Patwardhan M. & G. Hospital ..	10	..	..	..	74	145
21	Dr. Bhansali's Maternity Home	6	..	..	..	53	34
22	Dr. C. M. Mehta's Hospital	22	290	334	461	420	514
23	Dr. D'Sa's Hospital	12	151	174	195	179	161
24	Drs. Kaikeni & Tilak Hospital	6	55	86	78	104	129
25	Dr. Karande's Hospital	12	70	89	143	125	159
26	Dr. Kerawalla's Hospital	24	298	293	269	262	285
27	Dr. N. B. Kotak's Maternity Home	8	..	..	4	19	29
28	Dr. Mrs. Nalinibai Kalelkar's Women's Clinic.	4	..	..	..	4	22
29	Dr. Parekh's Hospital	*unrestricted*	337	281	318	329	416
30	Dr. Purandare's Hospital	26	289	244	313	265	301
31	Dr. Mrs. Saldana Fernandes Popular M. & G. Hospital	3	32	5	13	8	5
32	Dr. Trivedi's Maternity & Children Hospital ..	3	..	..	..	12	13
33	Dadabhoy M. & S. Nursing Home	4	..	..	..	29	..

Serial No.	Maternity Home.	No. of Beds.	1929.	1930.	1931	1932.	1933.
34	Dholkawalla Maternity Home	29	139	296	351	381	331
35	Dhanvantari Hospital	2	..	..	..	..	2
36	Eugenic Maternity Home. (Dr. Sequera's) ..	8	78	62	83	70	61
37	Dr. Gantis Maternity Home	2	..	..	..	..	22
38	Haji Karim Mahomed Suleman Maternity Home.	10	36	48	35	67	68
39	Hospital for Women & Children, Tardeo ..	25	171	195	185	168	183
40	Kanchangowri Maternity Home	35	460	486	670	743	1,033
41	Kushalini Home for Infants	6	..	..	..	37	21
42	Laxmi Maternity Home	8	..	28	38	76	72
43	Machado Nursing Home	3	..	..	..	22	50
44	Masina Hospital	40	325	324	341	282	252
45	Mhasker Maternity Home	20	..	..	..	193	412
46	New Hospital for Women	9	..	..	..	..	92
47	Nowroji Wadia Maternity Hospital	150	3,371	4,110	4,467	4,320	4,734
48	Patro Hospital	3	..	..	..	..	9
49	Parsee Lying-in Hospital	50	363	356	337	375	435
50	Poly Clinic	3	..	26	40	45	23
51	Ruxmani Hospital	15	218	217	244	260	333
52	Rukhmabai Maternity Home	10	..	..	..	..	77
53	Sadguru Maternity Home	5	..	..	..	58	188
54	Sakinabai Moosabhai Jafferbhai Maternity Home	11	137	104	112	165	210
55	Seth Gordhandas R. Bhagat Kalbadevi Hindu Maternity Home	15	90	180	227	236	314
56	Seva Sadan Hospital	3	..	..	27	23	22
57	Sir Harkisandas Narottamdas Hospital ..	21	99	202	257	253	343
58	Shri Laxmi Maternity Home	2	..	12	18	8	3
59	St. Elizabeth Nursing Home	4	..	..	..	37	27
60	St. George's Hospital	14	214	242	293	329	307
61	St. Philomena's M. & N. Home	7	..	..	..	..	13
62	Surgical Nursing Home	*Nil.*	8	4	5	6	4
63	Saraswati Maternity Home	2	..	..	..	..	4
64	Women's Clinic's. (Dr. Pagnis)	5	12	43	51	83	62
65	Yamunabai Nair Hospital	8	83	75	108	158	162
66	Jasmine Lodge Nursing Home	..	4	22	*Closed.*		
67	Pushpawati Maternity Home	..	..	..	2	*Cosed.*	
68	Rachael Maternity Home	..	95	71	19	*closed.*	
69	Swastic Maternity Home	..	17	3	5	3	*Closed.*
70	Victor Maternity Home	..	20	13	*Closed.*		
71	Vidya Maternity Home. (Amalgamated with Poly Clinic)	..	36	56	5	*Closed.*	
	Total	1,041	14,225	16,291	18,237	19,633	23,487

It is interesting to note that out of 33,264 births (including still-births) registered in the City in 1933, 23,487 or 70.60 per cent. took place in Maternity Homes, as against 63.51 per cent. in 1932.

Maternal Mortality.—The following table gives the classification of cases of death in Puerperal State in 1933, as required under Corporation Resolution No. 10,544 of 30th March 1931 :—

No.	Specific causes of Death.	No. of Deaths.
	Diseases of the Puerperal State.	
1	Ante-partum Hæmorrhage	2
2	Post-partum Hæmorrhage	23
3	Toxaemias (Eclampsia, Hyperemesis Gravidarum Acute Yellow Atrophy Albuminuria	31
4	Puerperal Sepsis (Sapraemia, Septicæmia, Phlegmasia Alba Dolens Coli Infection, etc.)	85
5	Embolism	4
6	Shock during or immediately after delivery.	19
7	Anæmia of Pregnancy	51
8	Malaria	
9	Influenza, Pneumonia	
10	T. B.	
11	Heart Disease	
12	Operative Interference	2
13	Rupture of Uterus	3
14	Breast Diseases	....
15	Puerperal Insanity	1
16	Other Causes	13
	Total	234

Infant Welfare Society.—This Society has been doing good work. At the end of the year there were 7 centres, three Maternity Homes and one Creche at DeLisle Road. Each centre is in charge of a Lady Doctor (full time), graduate of the Bombay University, under whom there is a Supervisor and a Health Visitor ; the former is a fully qualified, diplomated nurse and the latter is a qualified Maternity Nurse.

The supervisor looks to the distribution of milk and assists the Lady Doctor at the Clinics and in advising mothers on infant management. The Health Visitor visits her district and persuades the expectant mothers to take advantage of the Maternity Homes in the City and to bring their babies to Infant Welfare Centre for milk and treatment.

The Society provides through its Centres and Homes (*i*) advice and instruction to mothers as to infant management ; (*ii*) treatment to infants for minor maladies ; (*iii*) baths to infants ; (*iv*) distribution of milk to the deserving expectant mothers and infants ; and at reduced rates who can afford to pay and (*v*) Confinements at the Maternity Homes.

The number of admissions at the 7 centres	6,110
The number of attendance for milk, medicine, treatment, etc.	3,54,306
The number of confinements conducted by the Infant Welfare Society's Nurses in patients, own homes	301
Deliveries at the I. W. S. Maternity Homes	1,605
Cases sent to Maternity Hospitals in the City	4,265
Highest daily attendance at the Creche	55

METEOROLOGY OF 1933.

Table No. 23 appended to the Report gives the meteorological data of 1933.

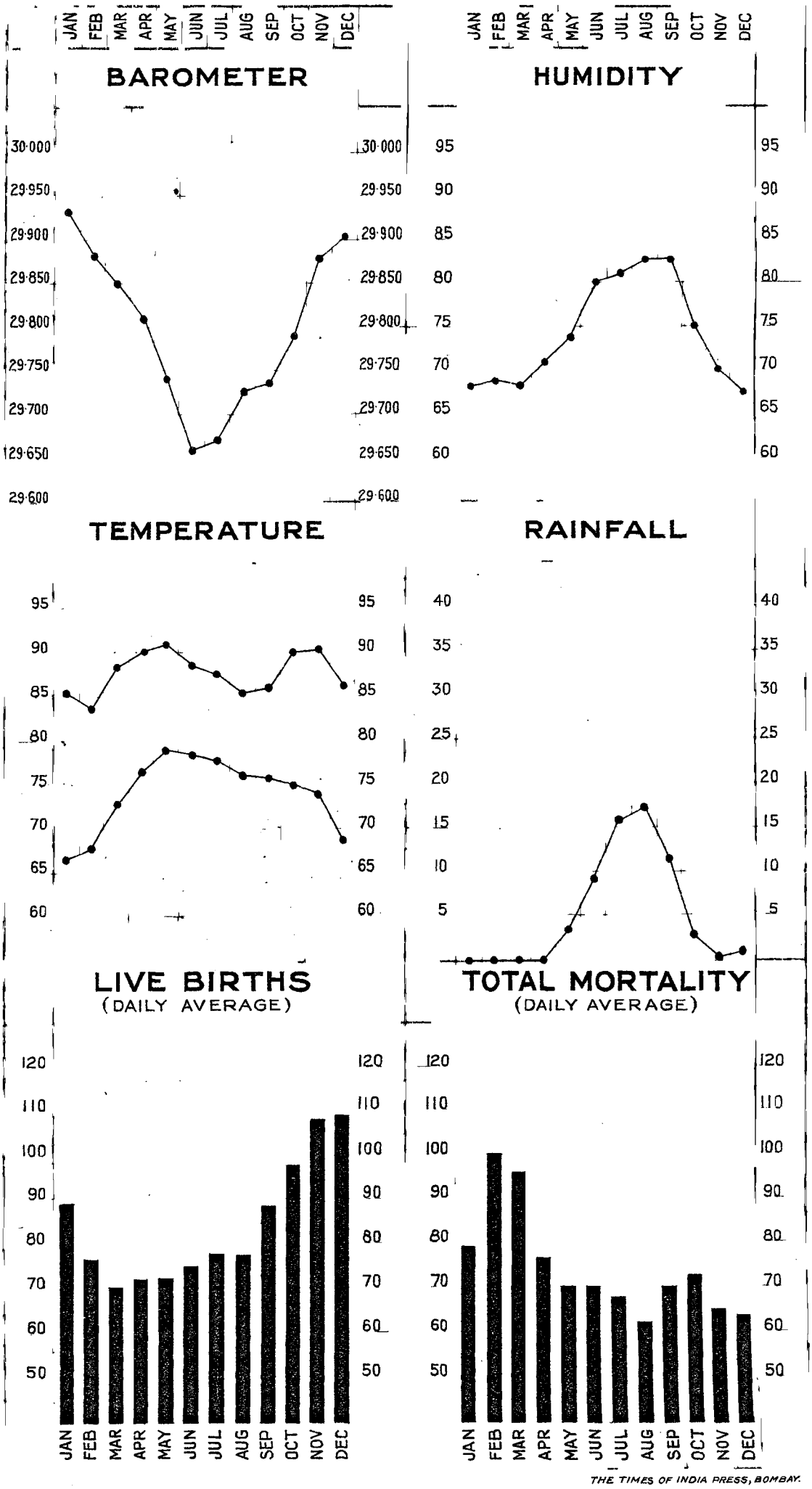
Rainfall.—The total rainfall recorded at the Colaba Government Observatory during 1933 was 62.37 against 73.66 in 1932 and 97.94 in 1931 and was 8.17 inches below the normal (70.54). Rain fell on 116 days during the year against 106 days in 1932 and 111 days in 1931.

The maximum monthly rainfall was 17.25 inches in August against 35.47 inches in July 1932.

D

DIAGRAM

DAILY MEAN BIRTHS DEATHS AND CLIMATIC CONDITIONS IN BOMBAY IN 1933



THE TIMES OF INDIA PRESS, BOMBAY.

EPIDEMIC AND OTHER DISEASES.

EPIDEMIC AND OTHER DISEASES.

Notification of Infectious Diseases —The cases of infectious diseases during the year numbered 7,041. Under Section 421 of the Municipal Act, 520 cases were notified by Medical Practitioners as against 293 in 1932. No cases were notified by Hakims and Vaidyas who are not required by law to notify. 6,521 cases or 93 per cent. of the total number were reported by the District Registrars.

Since fees are not paid to the Municipal Registrars for the cases they report and since such cases are not certified on the official form of certificate, they are not included in the number of cases notified under Section 421 of the Act.

The diseases to which the notification received related are set out by Sections in Table No. 4 (Appendix).

Year.	Number of notifications received from			Reported by Municipal Registrars.	Percentage of total notifications to the total No. of cases Registered.
	Medical Practitioners.	Hakims and Vaidyas.	Total.		
1928	506	6	512	3026	14.1
1929	608	....	608	3400	15.2
1930	668	....	668	4045	14.2
1931	239	....	239	2157	9.9
1932	293	....	293	2454	10.6
1933	520	....	520	6521	7.4

Plague.—The number of Plague attacks during the year was 50 as against 44 in 1932, 3 in February, 15 in March, 10 in April, 6 in May, 2 in June, 1 in July, 2 in August, 6 in September, 3 in October and 1 each in November and December. The disease caused 48 deaths as against 37 in 1932 and did not assume epidemic proportion at any time during the year.

The mortality among reported cases was 96 per cent. as against 84 per cent. in the previous year. The death-rate from Plague works out to 0.04.

The distribution of deaths among different castes during the year is shown in Table No. 14 and the death-rate in Table No. 15 (Appendix).

Plague Measures.—The usual preventive and precautionary measures namely (*i*) Inoculations, (*ii*) Rat Destruction, (*iii*) Evacuation and (*iv*) Disinfection were continued during the year.

(*i*) Inoculation.—During the year 928 inoculations against plague were performed at the Haffkine Institute and 1,370 by the Municipal Medical Inspectors.

(*ii*) Rat Destruction.—The total number of rats collected and destroyed during the year was 7,36,934 against 6,56,465 in 1932. It will be seen from the following statement that of the 7,36,934 rats collected and sent to the Parel Laboratory, 2,55,099 were examined and 394 were found infected, giving a ratio of 0.15 infected rats per 100 rats examined as compared with a ratio of 0.25 in 1932.

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE PAREL LABORATORY, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1933.

Months.	Number of Rats sent to the Parel Laboratory.	Number of Rats Examined. Total.	Number of Rats found Infected.	Ratio Per Cent.
January	64,252	24,263	23	0.09
February	59,637	26,741	57	0.21
March	62,446	27,043	126	0.47
April	56,938	18,859	114	0.60
May	62,637	23,189	35	0.16
June	57,069	18,816	18	0.10
July	57,959	17,704	5	0.03
August	60,488	19,591	3	0.02
September	59,838	18,676	3	0.01
October	61,240	18,754	3	0.02
November	68,022	22,582	6	0.03
December	66,408	18,881	1	0.00
Total ..	736,934	255,099	394	0.15

The percentage of infected rats rose from 0.09 in January to 0.60 in April and thereafter gradually declined.

(*iii*) EVACUATION.—For the reception of contacts from infected dwellings, semi-permanent Health Camps at Koli Lane, (Colaba), Suklaji Street, (Tardeo), Chinchpoogli (at the junction of DeLisle Road and Arthur Road) were maintained.

(*iv*) DISINFECTION.—For the destruction of fleas, all rooms in which cases of Plague either in rats or in man had occurred were disinfected with Pesterine. Infected bedding is disinfected by steam.

Small-pox.—Small-pox is rarely absent in Bombay and sporadic cases occur all through the year. There were 29 cases in October and 51 cases in November 1932. A sudden rise occurred in December and 58 cases were recorded for the week ending 17th December. This sudden rise was an indication of a very severe epidemic coming. Small-pox had to be declared epidemic from the 17th December 1932, and the disease continued in an epidemic form till the 3rd June 1933. This epidemic was the severest on record and lasted for six months causing 4,487 attacks with 2,676 deaths.

The following table shows the number of cases by weeks from December 1932 to May 1933, during the epidemic period :—

Months.	1st week.	2nd week.	3rd week.	4th week.	5th week.	Total.
1932 December	..	..	58	44	54	156
1933 January	74	93	199	219	..	585
,, February	294	332	408	377	..	1,411
,, March	405	358	341	259	..	1,363
,, April	217	159	140	115	95	726
,, May	69	52	44	47	..	212
,, June	34	..	..	..	..	34
Total ..	1,093	994	1,190	1,061	149	4,487

Table showing the Mortality from Small-pox by Weeks during the epidemic period :—

Months	1st week.	2nd week.	3rd week.	4th week.	5th week.	Total.
1932 December	9	19	36	26	32	122
1933 January	47	57	99	106	..	309
,, February	180	194	241	243	..	858
,, March	231	203	196	151	..	781
,, April	128	99	78	68	56	429
,, May	58	39	30	32	18	177
,, June	24	..	..	..	..	24
Total ..	653	611	680	626	106	2,676

The following table shows the Deaths from Small-pox among the principal castes during the epidemic :—

Castes.	December 1932.		January 1933.		February.		March.		April.		May.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Jains	..	..	2	2	6	3	5	3	..	7	2	..
Brahmins	5	4	15	16	31	32	21	11	10	13	2	5
Lingaits	1	..	9	7	20	23	20	10	1	6	1	1
Bhatias	..	..	1	..	..	..	..	3	1	..	..	..
Banias	..	..	2	4	6	6	5	6	2	5	1	1
Hindus, other Castes ..	43	38	150	106	268	245	275	187	113	86	58	46
Hindus, Low Caste ..	6	12	20	17	50	64	45	58	18	17	11	10
Muslims	2	8	15	12	68	37	58	39	18	18	10	10
Parsees	..	1	1	3	..	2	2	3	..	..	..	..
Jews	..	..	1	..	..	1	..	..	..	..	1	..
Indian Christians ..	1	1	6	5	17	9	13	8	6	7	5	4
Anglo-Indians	..	..	..	..	..	..	..	..	..	..	..	..
Europeans	..	..	..	..	1	..	1	..	..	..	..	..
Buddhists	..	..	..	..	..	..	1	..	..	..	..	..
	58	64	222	172	467	422	446	329	169	159	91	77
Total ..	122		394		889		775		328		168	

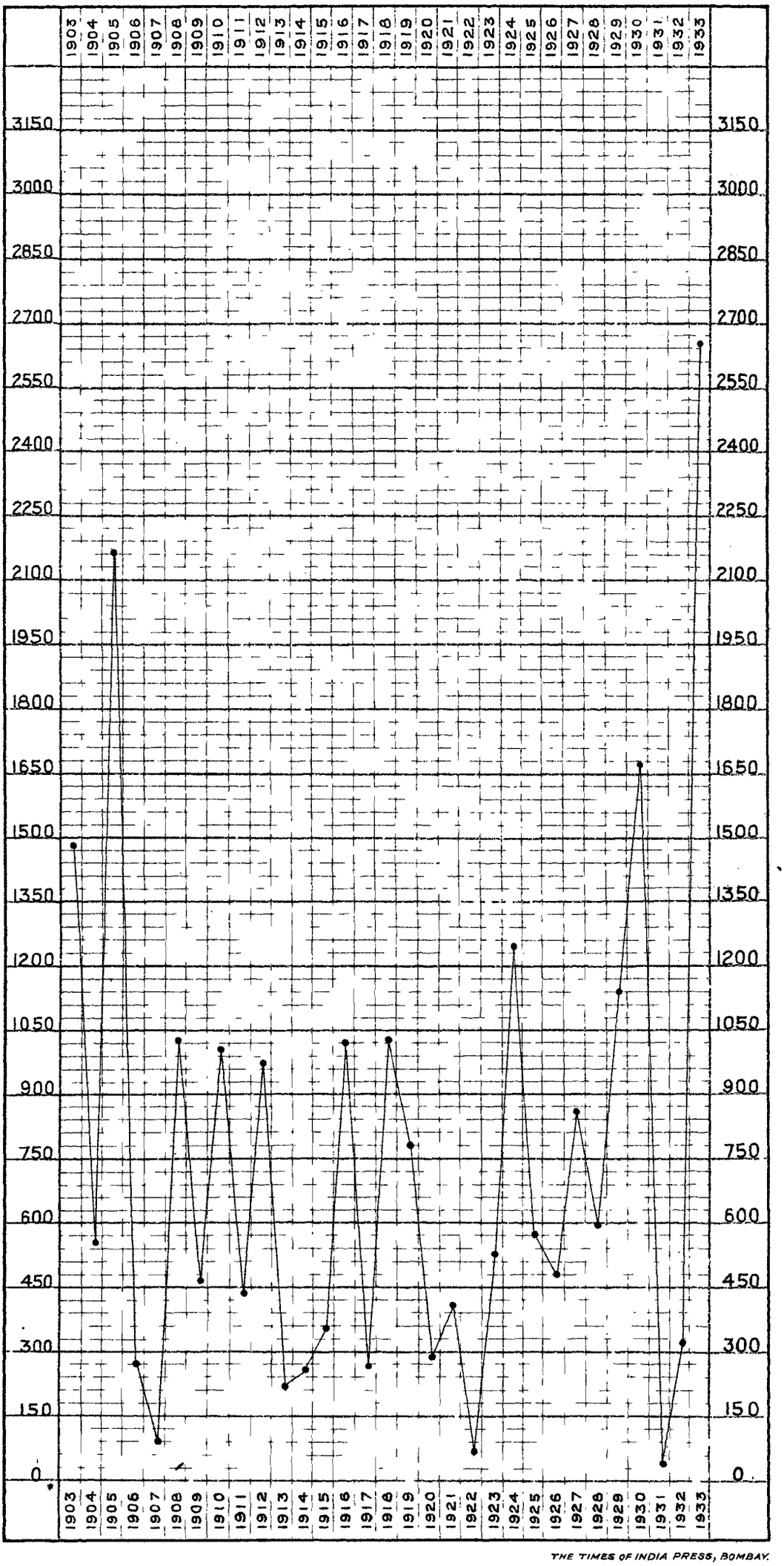
Males = 1,453
Females = 1,223

Total .. 2,676

Table showing Small-pox Deaths at different ages in the City during the Small-pox Epidemic :—

Months.	Under 7 days.	1-4 weeks.	4 weeks to 6 months.	6-12 months.	1-2 years.	2-5 years.	5-10 years.	10-15 years.	15-20 years.	20-30 years.	30-40 years.	40-50 years.	50-60 years.	60 and over.	All ages.
December 1932 ..	..	..	13	14	15	19	17	6	10	19	9	..	..	..	122
January 1933 ..	..	2	31	55	56	65	38	13	24	84	19	4	2	1	394
February ,, ..	..	6	108	115	123	170	88	29	59	138	34	11	6	2	889
March ,, ..	..	7	106	108	109	121	65	25	46	118	51	11	6	2	775
April ,, ..	..	2	41	57	48	60	37	1	16	40	19	3	2	2	328
May ,, ..	..	..	20	30	31	30	14	6	5	23	7	..	2	..	168
Total ..	..	17	319	379	382	465	259	80	160	442	139	29	18	7	2,676

DEATHS FROM SMALLPOX IN BOMBAY
1903 – 1933



THE TIMES OF INDIA PRESS, BOMBAY.

As soon as Small-pox was declared as epidemic, the usual preventive measures against it were immediately taken. Notices were issued in the Public Press, posters were put up in the different parts of the City informing the Public of the prevalence of Small-pox in an epidemic form and steps to be taken for protecting themselves against it. Letters were addressed to Mills, Schools, Colleges, Banks and various other similar institutions offering Vaccination at their premises free of charge. Small-pox slides were also shown in most of the Cinema theatres advising the people to get themselves vaccinated and re-vaccinated. Most of the institutions readily took advantage of this offer. Letters were also written to the private Medical Practitioners for their co-operation in persuading people to undergo re-vaccination and offering free lymph for mass re-vaccinations.

Vaccination.—There are 21 Vaccination Stations in the City of which three are open on every morning between 8 and 10-30 a.m. During the prevalence Small-pox in an epidemic form the Station at Princess Street is open during afternoon hours on working days and the one at the Central Vaccination Depot, Suparibag Road, Poibavdi, Parel, is open on working days between 7-30 a.m. and 5-30 p.m. and on Sundays and holidays between 7-30 and 10-30 a.m. Besides these 21 permanent public Vaccination Stations, 21 other temporary stations were opened during the epidemic.

. The nubmer of primary vaccinations during the year was 33,439 against 23,783 in 1932 and that of re-vaccinations 243,102 as against 12,436 in 1932. The proportion of Primary Vaccinations (22,357) in children under one year of age to the total number of births (30,926) registered during the year was 72 per cent. The numbers of Primary and Re-vaccinations in 1933 are the highest on record and reflect great credit on the Vaccination branch of the Health Department. This immense work of Vaccination was carried out smoothly and without even a single complaint from the Public.

All the Infectious Diseases with the exception of Phthisis are treated in the Arthur Road Hospital. The accommodation for Small-pox cases is only 160 beds including 28 beds in the European Wards. This accommodation proved sadly inadequate for the Small-pox epidemic of 1933. All the available space including that in the General Unit was utilised for accommodating Small-pox cases. Reports regarding the insufficient accommodation for Small-pox were made from time to time and as a result of these reports, one Ward of 36 beds was built in 1929 and two wards are proposed to be constructed in 1934. A record number of cases were admitted in the Hospital during the Small-pox epidemic and the highest number of cases on one day in the hospital was 436 on the 12th March 1933.

The accompanying Chart shows the number of deaths from Small-pox during the last thirty-one years. The total loss of life from Small-pox is 23,200.

The total expenditure incurred on account of Small-pox epidemic was Rs. 48,008.

Whatever precautions are taken and preventive measures adopted, the City of Bombay can never be made free from Small-pox. Experience has shown that the only effective measure of fighting the epidemic is that of Re-vaccination. The Bombay Vaccination Act unfortunately does not provide for compulsory re-vaccination, which it ought to do. Periodical compulsory revaccination of the people will secure a considerable immunity from Small-pox.

Cholera.—During the year 28 attacks (including 12 imported cases) and 17 deaths from Cholera were registered as against 11 attacks and 7 deaths in 1932.

Of the 28 attacks, 1 was registered in January, 1 in March, 1 in April, 2 each in May and June, 5 in July, 1 in August, 5 in September, 4 in October, 5 in November and 1 in December.

Influenza.—Influenza was recorded as the cause of 76 deaths during the year as in 1932 and 105 the average for the preceding decennium (1923-1932).

Enteric Fever and Diphtheria.—The following table shows the number of cases of Enteric Fever and Diphtheria registered in each month during the year. The number of deaths from the two causes are shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months :—

Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Enteric Fever ..	19	17	21	24	31	30	51	51	34	25	28	18	349
Diphtheria ..	22	6	6	6	7	3	9	12	8	12	13	6	110

Tuberculosis—The number of deaths from Tuberculosis was 1,594 and the death-rate 1.4 per 1,000 of the population. Of these 1,376 were due to Phthisis (Pulmonary Tuberculosis) and 228 to other Tuberculous Diseases. The annual death-rates in previous years from Tuberculosis have been as follows :—

Period.	Annual Death-rate from Tuberculosis.		
	Pulmonary.	Other Forms.	All Forms.
1923–1932	1.1	0.1	1.2
1928–1932	1.0	0.2	1.2
1932	1.2	0.1	1.2
1933	1.2	0.2	1.4

Of the deaths under Tuberculosis, 823 were among males and 771 among females. The disease caused a greater number of deaths among persons in the age-group of 20 to 40 years than in any other age period, *vide* Table No. 17 (Appendix).

The Anti-Tuberculosis Measures.

There are two dispensaries for out-patients suffering from Tuberculosis, one at the Sanitary Institute, Princess Street, and the other at Foras Road. The Turner Sanatorium contains 32 beds for in-patients at Bhoiwada Hill, Parel.

Each dispensary is in charge of a Medical Officer and nurses are employed for visiting the patients who attend, reporting on their home conditions and seeing that they follow in their homes the advice which they receive.

In the year 1933, 1,375 new cases were admitted of which 1,302 were definitely labelled as "Tuberculosis." The Tuberculosis cases were classified under two main groups (*a*) Pulmonary and (*b*) Non-Pulmonary. Their distribution is as follows :—

Pulmonary Tuberculosis	1,127	86.6	per cent.
Non-Pulmonary Tuberculosis	175	13.4	„

The 1,302 Tuberculosis cases, analysed according to caste and sex show the following distribution :—

Caste.	Male.	Female.
Hindu	322	227
Mahomedan	214	358
Parsee	11	9
Christian	76	61
Jew	12	12
Total ..	635	667

The distribution according to age is as follows :—

Upto age of ..	10	15	20	25	30	35	40	45	50 & upwards
1,302 T. B. Cases ..	142	142	291	249	173	116	94	39	56

Total attendances in the two Dispensaries in the year were 12,840.

The dispensaries serve the following important purposes :—

(1) **Diagnosis Centre.**—The diagnosis is made on Clinical and Bacteriological findings. Doubtful cases are kept under observation for a certain period before being discharged as non-tuberculous. **478** Sputa were examined for Tuberculosis during the year 1933.

(2) **Propaganda Centre.—2,370** domiciliary visits were paid in 1933. Printed leaflets in English and Vernaculars were distributed by the nurses during their visits. The patients and their relations received instructions on general sanitation and diet. The contacts were brought to the dispensary for examination. Their names were entered on special cards known as " Contact Card ". 861 contacts were examined at the dispensaries.

(3) **Sorting Centre.**—After proper diagnosis, the cases were sent to appropriate institutions. Early cases were admitted to the Turner Sanatorium. Cases requiring hospital treatment were advised to go to the K. E. M. Hospital. Advanced cases were removed to the Maratha Hospital.

(4) **Information Bureau.**—Inquiries from the Bombay public as well as from outside places, on matters relating to tuberculosis in general and tuberculous patients in particular received prompt attention from the Information Bureau.

(5) **Treatment Centre.**—Patients who were unable to take institutional treatment as in-patients, patients kept under " Observation " and good many of the chronic cases discharged from institutions, received treatment at the dispensary. The treatment mainly consisted of antiseptic and symptomatic mixtures; ointment for inunction into the chest (*i.e.*, Ung. Saponis of the Budapest Anti-Tuberculosis Clinic) and injections of Sodium Morrhuate (3 per cent); Collosal Antimony, Collosal Calcium; Biocholine; (A.F.D.) and Tuberculin B.E. (of St. Mary's Hospital, London). The last named injection was reserved for surgical cases alone (*i.e.*, T.B. Glands and Bones). Gold injections were also given in suitable cases.

Turner Sanatorium.

Out of the 32 beds provided at the Turner Sanatorium, 18 are reserved for male cases and 14 for female cases. Remaining at the end of 1932, there were 23 patients. 165 new cases were admitted in 1933. This brings the total number of patients treated in 1933 to 188 (23 plus 165). Out of 188 cases, 160 were discharged; and 28 cases remained at the end of the year.

The 160 discharged cases were classified as follows :—

1st stage (Congestion)	61
2nd stage (Consolidation)	77
3rd stage (Cavitation).	22
Total ..	160

The result of the treatment is as follows :—

Improved	121
Not Improved	39
Died	*Nil.*
Total ..	160

The above figures indicate that the treatment at the Sanatorium produced improvement in 75.62 per cent. of cases discharged during the year.

The total number of beds occupied during the year was 9,089.

The diagnosis of cases was based on clinical, bacteriological and radiographic findings.

The average duration for each patient was just over 3 months, except in cases showing progressive improvement where a longer stay was justifiable.

On admission, the patient was kept strictly in bed, until the evening Pyrexia became normal or as in some cases never more than 99°F. He was then gradually made to sit up. Further movements, progressively leading to graduated exercises, were regulated in accordance

with the pulse, temperature and weight of the patient. Favourable cases were put on graduated exercises. They usually commenced with 50 to 100 yards "Level" and gradually worked upto 600 yards, or in some cases even upto 1,000 yards "Graduated" twice a day. The increase or decrease in the amount of exercise was controlled by the reactions produced.

Sirolin (Roche), Syrup Cresol (A.F.D.) and Glykeron were given for the relief of cough. They all proved useful. Antiseptic mixtures like "Mist Garlic" and Symptomatic mixtures were also prescribed. The diet supplied to the patients was extremely wholesome and nutritious.

The following is a list of various injections tried during the year :—

(1) Collosal Antimony : ½ cc. intravenously.

(2) Sodium Morrhuate (3 per cent. solution) : ½ to 2 cc. subcutaneously.

(3) Collosal Calcium : ½ to 1 c.c. intramuscularly.

(4) Sod. Caccodylate : ¾ gr. subcutaneously.

(5) Gold injections.

Encouraging results were obtained from intravenous injections of Antimony and intramuscular injections of Gold (Solgonal B). Calcium was beneficial in heamopytsis cases.

Advanced cases of Tuberculosis are admitted into the Maratha Hospital where provision of 80 beds is made for this purpose.

Artificial Pneumothorax was tried in certain cases with encouraging results. Lilingston and Pearson's Apparatus was used for this purpose.

Malaria.

In accordance with the recommendation made by Dr. C. H. Bentley, the Officer appointed by Government to investigate into the causes and suggest measures for the control and prevention of Malaria in Bombay, a Special Malaria Branch of the Health Department was organised from April 1912. The staff of this Special Branch consisted of :—

1 Special Malaria Officer,

4 Malaria Inspectors,

38 Malaria Sub-Inspectors and

82 Coolies.

This Branch existed upto 1918 and did good work in reducing the incidence of Malaria in the City. The Special Branch was then abolished, but with disastrous results. The incidence in Malaria immediately rose higher till it reached a point when it became obligatory to restore the Special Malaria Branch in 1923 though with a very inadequate staff. Three years later, the staff of this Branch was increased for the normal requirements of the City. The systematic crusade work done by this Branch to control Malaria in the City has been satisfactory, as it has now reduced the incidence of Malaria in the City. Any thought of abolishing the Malaria Branch or further reducing the staff would mean a repetition of the past sad history.

The Corporation is responsible under Section 61 (*gg*) for controlling Malaria in the City. The other responsibilities of the Corporation will have also to be considered before taking any step of abolishing or reducing the Branch on the grounds of the present immunity of the City from Malaria. It must be remembered that Bombay is the principal sea port of India and has communications by sea with all the countries of the world. There is always a constant seafaring population from these countries living in the ships berthed in the Docks. The Corporation is not only responsible for the health of the inhabitants of the City but it has also to afford protection against Malaria to the crews of these ships and thus prevent infection being carried through them to other sea ports and other countries. It would be a great pity if the lessons learnt from the epidemics which occurred in the Docks among the crews a few years ago when mosquito control in Bombay was not so efficient as at present, were to be so soon forgotten. During the last few years, Bombay has gained the reputation of being a Malaria free port and it is very essential to retain it as such.

Military Areas.—The presence of troops in the Military area at Colaba and some at Marine Lines has also to be borne in mind and precautions have to be taken against the troops being disabled by Malarial attacks.

The Bombay Port Trust and the Military have their own Anti-malarial staff, but the work done by them in their limited areas is hardly enough to abate mosquito and Malaria in their jurisdiction. The freedom from mosquito and Malaria which the docks and the Military areas have been of late experiencing must be attributed to the present anti-malarial policy of the Corporation. If this policy were to be changed for the sake of economy, the story would be a different one.

Yellow Fever Menace.—The danger of Yellow Fever being introduced in India is rapidly becoming grave particularly on account of the quicker methods of transport by air between India and the countries where it is endemic. The Yellow Fever carrying mosquito is Aedes aegypti or what was formerly known as Stegomyia fasciata. A survey of the prevalence of this mosquito in Bombay is at present being carried out, since last August at the instance of the Government of India. During the course of the survey which is still in progress, it has been noticed that this Yellow Fever carrying mosquito, *i.e.*, Aedes aegypti very, largly prevails all over the Island. Luckily the East has so far been free from Yellow Fever virus, but if it is ever brought to a City like ours where the susceptible mosquito and human population can readily be infected, the resulting calamity may better be imagined than described. One of the measures for the prevention of Yellow Fever is to control and if possible to eradicate the Stegomyia mosquitoes. This is already being done by the Malaria staff, but more particular attention will have to be given to the breeding places of this mosquito after the completion of the survey. This will necessarily entail additional work on the existing staff and in view of these facts, the abolition of the Malaria Branch or a further reduction in its staff must be ruled out of consideration.

Malaria was registered as the cause of 71 deaths. 1,192 deaths were registered as due to Ague and Remittent Fevers. Under the last two heads a number of deaths are no doubt included which were due, not to Malaria but to one or the other of the various diseases, such as Typhoid, Tuberculosis and Influenza, in which fever may be a prominent symptom.

Average number of deaths.—The number of deaths from Malaria and from Ague and Remittent fevers in 1933 were 71 and 1,192 and the annual averages in the ten years 1923 to 1932 as shown in table No. 11 were 338 and 1,847 respectively.

Out of the total number of deaths due to Malaria—

24 were certified by Medical Practitioners

21 were certified by Hospitals

25 were verified by the staff after making inquiries from the relatives

and 1 was verified by a Vaidya.

Malaria in Military Hospitals.—The following table shows the number of cases admitted and the number of deaths in the different Military Hospitals in the City during the last five years :—

	1929	1930	1931	1932	1933
Attacks	245	131	101	118	88
Deaths		3	..	..	..

Anti-malaria Measures.—Measures for gauging the incidence of Malaria were continued during the year.

Inspection of houses and destruction of larvae were carried on on a systematic plan. The sections of the wards have been sub-divided and each overseer is given an area which he could cover within a week. Breeding places detected were immediately dealt with. Minor structural and other defects likely to cause the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly.

Quinine and Cinchona.—For the treatment of patients attending the Municipal dispensaries, Municipal Maternity Homes and Infectious Diseases Hospitals 73 lbs. and 10½ ozs. of quinine and 47 lbs. and 8 ozs. of Cinchona Febrifuge were used during the year. Four grain tablets of Quinine Sulphate numbering 12,275 and four grain tablets of Cinchona Febrifuge numbering 31,375 were also distributed.

Statement showing the quantities and costs of larvicides, etc., used during the year :—

	Gallons.	Rs.
(1) Pesterine	8,281	1,355
(2) Kerosene oil 125° (inferior quality) ..	8,902	3,999
(3) Pearson's Sal Hycol	10	12
(4) Saponified Cresol	500	781
(5) Lysotol	395	365
(6) Paris Green	2 cwts.	196
		6,708

The following table shows the work of inspection done by the staff during the year :—

Ward.	No. of houses		No. of containers holding water	
	Inspected.	Breeding.	Inspected.	Breeding.
A	96,227	992	294,608	1,191
B	126,829	569	265,874	752
C	204,771	366	263,828	347
D	193,282	5,351	511,929	6,890
E	142,752	3,168	26,139	5,433
F	81,924	2,020	137,445	2,421
G	82,788	4,181	210,732	6,169
Total ..	928,573	16,647	1,610,555	23,203

NOTE.—In the above table, the breeding recorded includes the breeding of Stegomyia, Culex and Anopheles.

Statement showing month by month the total number of wells, cisterns, &c., which were found breeding Anopheles mosquitoes during the year 1933.

Breeding noticed in	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Open and partially open wells	38	26	21	20	25	31	37	33	79	43	69	39	461
Cisterns ..	6	5	9	7	3	1	..	4	4	10	2	2	53
Fountains, masonry tanks, masonry kundies, ghanies, mill tanks ..	16	5	7	7	8	14	12	21	28	21	12	7	158
Tubs	..	..	..	2	..	4	4	8	16	8	6	..	48
Gully traps and storm water entrances ..	1	2	3	..	2	12	9	5	6	4	4	1	49
Tins	1	..	..	..	..	3	2	6	9	3	..	1	25
Pools, low lands, cellars, &c. ..	29	19	28	39	31	35	55	84	123	98	79	55	675

Statement showing by wards the total number of wells, cisterns, etc. which were found breeding Anopheles mosquitoes during the year 1933.

Breeding noticed in	Wards.							Total.
	A	B	C	D	E	F	G	
Open and partially open wells ..	1	..	20	4	13	147	276	461
Cisterns	2	5	2	1	38	2	3	53
Fountains, masonry tanks, masonry kundies, ghanies, mill tanks ..	9	5	2	31	78	13	20	158
Tubs	..	6	..	11	11	7	13	48
Gully traps and storm water entrances	3	..	..	10	15	3	18	49
Tins	..	5	1	1	12	4	2	25
Pools, low-lands, cellars, etc. ..	34	21	..	102	105	134	279	675

Spleen Rate.—Children of the poorer classes were examined for enlargement of spleen in dwelling houses and in Charitable Institutions. Out of 1,446 children examined 18 were found to have enlarged spleen. The spleen rate for the wards mentioned was 1.2 per cent. Details by sections are given in the table below.—

Ward.	Sections.	No. of children examined.	No. of children found with enlarged spleen.	Percentage.
A	Fort North	95	....	....
D	Khetwadi	575	9	1.6
E	Tardeo	84	....	....
F	Parel	382	7	1.8
F	Sewri	177	2	1.1
F	Sion	133	....	....
	Total ..	1,446	18	1.2

The spleen rate in certain schools was found lower as compared with that obtained in 1928 by Major Covell. The results obtained in the year 1933 are shown in the table below :—

Name of Schools.	Ward.	No. of children examined.		Percentage with palpable spleen.	
		Year 1928.	Year 1933.	Year 1928.	Year 1933.
(1) Lamington Road Municipal Boys School	D	225	348	8.5%	1.5%
(2) West Khetwadi Marathi Boys School	D	118	227	2.6%	1.7%

The Medical Inspectors appointed by the Schools Committee carried out spleen examination among the children attending the Municipal Schools. The results are shown in the following table :—

Ward.	Sections.	No. of pupils examined.	No. of pupils found with enlarged spleen.	Percentage.
A	Upper Colaba	362	4	1·1
	Fort Northern	122	3	2·5
	Esplanade	699	10	1·4
B	Mandvi	693	6	0·8
	Chukla	187	1	0·5
	Umerkhadi	369	6	1·6
	Dongri	729	20	2·7
C	Market	1241	36	2·9
	Dhobi Talao	671	23	3·4
	Fanaswadi	1060	28	2·6
	Bhuleshwar	1111	23	2.0
	Khara Talao	337	1	0·2
	Kumbharwada	1344	27	2.0
D	Khetwadi	1017	55	5·4
	Girgaum	1345	46	3·4
	Chowpatti	494	13	2·6
	Mahalaxmi	494	6	1·2
E	Mazgaon	845	25	2·9
	Tarwadi	399	11	2·7
	Kamathipura	249	1	0·4
	Tardeo	840	18	2·1
	Byculla	450	14	3·1
F	Parel	347	14	4.0
G	Worli	771	28	3·6
	Total	16,176	419	2·5

A cosmopolitan school conducted by a Parsee gentleman in Esplanade Section engaged its own medical man to examine the students attending the school. The results of the spleen examination furnished by the Head Master are shown in the following table.—

Castes.	Number of students examined.	Number having enlarged spleen.	Percentage.
Parsis	1,067	6	0.6
Hindus	926	2	0.2
Mahomedans	446	2	0.4
Total ..	2,439	10	0.4

Blood Slides.—The following table shows the number of slides taken by the Medical Officers in charge of Municipal dispensaries and examined in the Municipal laboratory during the year 1933. Out of 1,302 slides 230 were found positive:—

Dispensaries.	Number of slides.		
	Examined.	Found positive.	Percentage.
1. No. 1 District Dispensary	84	13	15.48
2. Colaba Dispensary	46	5	10.87
3. No. 3 District Dispensary	140	13	9.28
4. No. 4 „ „	37	7	18.90
5. No. 6 „ „	53	6	11.32
6. No. 7 „ „	134	56	41.79
7. No. 8 „ „	286	63	22.03
8. Bai Gowrabai Dispensary	6	2	33.33
9. Medical Officer, Turner Sanatorium	4	....	....
10. Bai Gulbai Choksey Dispensary	259	25	9.69
11. DeLisle Road Dispensary	26	7	26.92
12. Parbhadevi Dispensary	20	4	20
13. Worli Dispensary	66	16	24.24
14. Helpless Beggars' Home	87	6	6.89
15. Maratha Hospital	55	7	12.73
Total ..	1,303	230	17.66

Municipal Dispensaries.—The number of cases of Malaria treated month by month at the Municipal Dispensaries during 1933 is shown in the following table. In the preceding year the number of patients treated was 1,070 :—

Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
39	30	49	24	54	56	100	172	100	159	188	136	1,107

Admissions in Institutions.—The following table shows the number of Malaria cases admitted in different Institutions in the City during the year 1933 :—

	Name of the Institution.	Admissions.
1.	Colaba British Station Hospital	39
2.	Marine Lines Indian Station Hospital	49
3.	St. George's Hospital	225
4.	Goculdas Tejpal Hospital	1,689
5.	Cama & Allbless Hospital	13
6.	Sir J. J. Hospital	4,096
7.	Sir D. M. Petit and Motlibai Hospital	13
8.	Northcote Police Hospital	1,266
9.	G. I. P. Railway Dispensary	450
10.	Dr. Masina's Hospital	9
11.	Adam's Wylie Hospital	22
12.	Bomanji Dinshaw Parsi General Hospital	65
13.	Yamunabai Nair Hospital	1,064
14.	Arthur Road Hospital	24
15.	Maratha Plague Hospital	29
16.	King Edward Memorial Hospital	418
17.	Bai Jerbai Wadia Hospital for Children	57
18.	The Jamsedji Nusserwanji Petit Parsi Orphanage	63
19.	B. B. & C. I. Railway Dispensary	537
20.	Petit Charitable Dispensary	1,751
21.	Allbless Charitable Dispensary	116
22.	Bhatia General Hospital	9
	Total ..	12,004

Wells.—The following table shows the number of wells by Wards and Sections filled in, protected and examined for larvæ during the year 1933:—

Ward.	Sections.	Total in the locality.	Dealt with.			Wells examined.			Examination for larvæ.	
			Filled in.	Covered.		Total.	Larvæ found.	Larvæ not found.	Total.	Positive.
				Completely.	With trap door.					
A	Upper Colaba ..	4	..	..	..	4	..	4	..	..
	Middle and Lower Colaba	30	..	..	..	30	..	30	..	..
	Fort Southern ..	19	1	..	..	19	1	18	800	4
	Fort Northern ..	300	2	1	..	300	5	295	7,177	27
	Esplanade	51	..	..	..	51	1	50	1,254	2
B	Mandvi	55	1	..	..	55	6	49	1,061	16
	Chakla	32	4	..	..	32	2	30	1,085	6
	Umerkhady ..	20	..	2	..	20	6	14	534	15
	Dongri	4	..	..	..	4	..	4	154	..
C	Market	177	4	23	..	177	11	166	1,775	11
	Dhobi Talao ..	286	4	2	..	286	23	263	2,518	23
	Fanaswady ..	180	2	..	..	180	10	170	1,416	10
	Bhuleshwar ..	113	4	1	..	113	13	100	1,024	13
	Kumbharwada ..	17	..	..	..	17	2	15	177	2
D	Khetwady	140	3	1	..	140	4	136	2,677	12
	Girgaum	201	6	..	..	210	3	198	3,745	15
	Chowpatti	58	2	2	..	58	..	58	1,138	..
	Walkeshwar ..	89	..	15	..	89	2	87	2,580	5
	Mahalaxmi ..	89	4	13	..	89	8	81	2,501	54
E	Mazgaon	61	..	..	..	61	4	57	2,631	16
	Tarwady	56	2	..	..	56	3	53	2,422	11
	2nd Nagpada ..	1	..	..	..	1	..	1	49	..
	Kamathipura ..	4	..	..	..	4	..	4	172	..
	Tardeo	23	1	..	..	23	1	22	868	2
	Byculla	24	..	..	..	24	1	23	995	3
	1st Nagpada ..	2	..	..	..	2	..	2	85	..
F	Parel	66	..	..	..	66	6	60	1,870	6
	Sewri	31	..	..	..	31	8	23	1,187	8
	Sion	96	..	..	..	96	30	66	3,499	30
G	Mahim	304	7	..	..	304	72	232	7,575	71
	Worli	194	..	..	..	194	42	152	6,996	42
	Total ..	2,727	47*	60	..	2,727	264	2,463	59,965	404

* Out of these 35 were H.C.C. wells, 9 open or partially open wells and 3 newly dug or discovered.

Note.—Failure to recover larvæ in a ring net from a well must not be taken as evidence that larvæ were not present.

Table showing by wards the number and condition of wells on 1st January 1934 :—

Ward.	Sections.	Total No. of wells.	No. of wells open or partially open.			No. of wells H.C.C. with or without pump.		
			Total No.	Open.	T.D.	Total No.	H.C.C. without pump.	H.C.C with pump.
A	Upper Colaba	4	2	1	1	2	2	..
	Middle and Lower Colaba	30	3	2	1	27	25	2
	Fort Southern	18	1	1	..	17	16	1
	Fort Northern	298	28	25	3	270	255	15
	Esplanade	51	5	5	..	46	39	7
B	Mandvi	54	14	11	3	40	34	6
	Chuckla	28	9	7	2	19	17	2
	Umerkhadi	20	8	2	6	12	12	..
	Dongri	4	..	..	..	4	3	1
C	Market	173	59	10	49	114	73	41
	Dhobi Talao	282	142	20	122	140	115	25
	Fanaswadi	178	90	23	67	88	65	23
	Bhuleshwar	109	65	20	45	44	35	9
	Kumbharwada	17	6	2	4	11	8	3
D	Khetwadi	137	27	9	18	110	95	15
	Girgaum	195	25	11	14	170	156	14
	Chowpatti	56	10	1	9	46	35	11
	Walkeshwar	89	32	14	18	57	37	20
	Mahalaxmi	85	28	11	17	57	38	19
E	Mazgaon	61	17	6	11	44	34	10
	Tarwadi	54	22	4	18	32	20	12
	2nd Nagpada	1	..	..	..	1	1	..
	Kamathipura	4	2	..	2	2	2	..
	Tardeo	22	10	2	8	12	9	3
	Byculla	24	2	..	2	22	17	5
	1st Nagpada	2	1	..	1	1	1	..
F	Parel	66	39	17	22	27	15	12
	Sewri	31	23	22	1	8	6	2
	Sion	96	75	52	23	21	14	7
G	Mahim	297	255	242	13	42	27	15
	Worli	194	170	131	39	24	18	6
	Total ..	2,680	1,170	651	519	1,510	1,224	286

The total number of wells in the City was 2,680 including the number of wells newly discovered, *i.e.*, 10 during the year.

The Committee appointed by the Corporation Resolution No. 3771 of 26th July 1929 and reconstituted under Corporation Resolution No. 1937 of 16th June 1932 to consider the

question of determining the exact number and situation of wells in each ward which should be kept open in accordance with the Policy outlined by the Commissioner of closing the wells as an anti-malarial measure, met only once in the year but inspected no wells.

Wells which have been decided or proposed to be retained have all been stocked with larvicidal fish. The stock is replenished every six months.

Use of Gambusia Fish in Wells—Gambusia affinis, commonly known as top minnows are now being used in wells for mosquito control. A few dozen of these were supplied to us from Karnal by Lt.-Col. G. Covell in 1932. They have been bred in the aquarium specially built for the purpose at Palton Road. There are now thousands of them available and wells are now being stocked with this fish. The advantage of Gambusia over Khajura (Anabas scandens) our local fish is that they do not grow big in size and are therefore able to reach very small spaces in which larvæ may remain. When Khajuras grow big, they are found ineffective for mosquito control for this reason. Gambusia have been found to be voracious larvæ-eaters and are very useful for larvæcidal purpose.

Cisterns.—Defective non-mosquito-proof manhole covers were in response to letters or notices replaced by the new hinged cast iron standard caps in 1,047 cases during the year. The total number of cisterns in the City is 39,061.

Tanks.—(1) Mill tanks. There are 88 mills in the City with 114 mill tanks or ponds. These are always found to constitute a source of mosquito nuisance by reason of the frequency with which they breed mosquitoes. According to the scheme of oiling these tanks, devised by the Malaria Advisory Committee, 11 mills have participated in the scheme. The mill tanks were regularly examined and treated with larvicides when necessary. 28 tanks were found breeding at one time or the other during the year.

The following table shows the number of mill tanks found breeding in each month in the year 1933.

Jan.	Feb.	Mar.	April.	May.	June.	July.	Augst.	Septr.	Octr.	Novr.	Decr.
13	6	7	8	6	6	3	4	7	3	7	8

Overhead cisterns in Mills.—There were 212 tanks. Out of these 3 tanks were removed by the mill authorities the total number being reduced to 209. Swadeshi Mills at Charni Road and Shivlal Motilal Mills at Tardeo Road are no longer in existence. 6 overhead Tanks attached to these mills are therefore treated as tanks attached to premises other than mills. Thus there are 203 tanks out of which 182 tanks have been provided with mosquito-proof covers and 21 exempted from the general action as they are either kept dry with the provision of outlets, or treated with Paris Green or emptied out regularly.

(2) Naigaum Tank.—The tank is being filled in with road scraping.

Two temple tanks one at Gamdevi (Chowpatty Section) and the other at Mugbhat Cross Lane (Girgaum Section) have been stocked with larvicidal fish.

Quarry holes, etc.—A large number of low-lying plots and quarry holes mostly in F & G Wards were found breeding and had to be constantly treated with larvicides. The quarry hole at premises No. 26 Parel Tank Road was under systematic treatment as in the case of the mill tanks upto 1st of June 1933. Since then the owners are treating the same.

Cellars in Ballard Estate.—Most of these have been made water-tight. The cellar at plot No. 31 known as Irwin House has been rendered water tight.

Prosecutions.—The following table shows the number of prosecutions instituted during the year 1933 with their results :—

Number of prosecutions	582
Requirements completed before the service of summons ..	274
Requirements completed after the service of summonses ..	165
Penalties inflicted	4
Cases dismissed	19
Cases Pending	96

SUMMARY OF WORK DONE IN 1933.

No. of wells filled in	47
„ „ „ hermetically covered	60
„ „ „ covered with trap doors	..
„ „ inspections of buildings	928,573
„ „ Notices issued for wells, cisterns, &c.	4,292
„ „ cisterns made mosquito-proof	3,453
„ „ cisterns provided with standard pattern covers	1,175
„ „ children examined for enlargement of spleen	1,351
„ „ blood slides (random sampling) examined	45
„ „ blood slides examined of dispensary patients	1,302
„ „ pools treated with pesterine or kerosene oil emulsion	22,202
„ „ odd receptacles removed	105,121
„ „ low-lying areas filled in	1
„ „ large tanks filled in	2
„ „ correspondence papers (new cases dealt with)	3,812

Note on the work done by the Malaria Department in connection with the important breeding places of mosquitoes after the publication of Major Covell's Report.

Wells.—At the time of the Malarial re-survey of the City by Major Covell, *i.e.*, in April 1928, there existed 2,429 open or partially open wells. Out of these, 60 wells were filled in and 31 wells were covered hermetically from April 1928 to the end of September 1928. From 1st October 1928 to 31st December 1933, 322 wells were filled in and 981 wells were sealed hermetically. According to these figures there should have been 1,035 wells to be dealt with but since 1st April 1928, 135 wells were newly discovered and therefore there exist 1,170 wells either open or with trap doors including the number of Temple wells and others allowed to be or proposed to be retained.

Domestic cisterns.—Domestic cisterns are being examined every week, fortnight or a month, according to their condition and prompt action taken to remedy the defects noticed. No new cisterns are permitted unless they comply with the requirements of the Malaria Department.

Numbering of cisterns.—All cisterns have been systematically numbered.

Easy and safe access.—No new cistern is allowed to be connected with water supply unless it is provided with a fixed iron ladder or other suitable means of access for its inspection.

Overhead tanks in places other than mills.—There were 83 tanks which, with the exception of 15 which have yet to be made mosquito-proof the rest have been either rendered mosquito-proof or treated with larvicides, hot water or steam, 3 tanks were removed subsequently. 3 tanks are considered as ordinary cisterns and not overhead tanks. 3 tanks in D Ward originally attached to Swadeshi Mills and 2 to Shivlal Motilal Mills which are now no longer in existence, are now treated as tanks attached to premises other than mills. In B and G Wards 4 additional tanks are brought on the list. Thus there are 83 tanks.

Out of the 15 tanks which have not yet been rendered mosquito-proof, 11 belong to the G. I. P. Railway, 1 to the B. B. & C. I. Railway and 3 to the Bombay Port Trust.

Certain special breeding places, suggested in Major Covell's report.—They are examined regularly along with water storage tanks and such of them as are found not in working order are treated with a larvicide. Action is also taken to put them into working order. The Malaria staff is required to pay particular attention to water-closets in unoccupied premises.

Mill ponds.—There are 114 mill tanks in the City. Some of the mills which have been closed during the year formed to be constant sources of mosquito nuisance on account of breeding in the mill tanks. 11 such tanks not in use have been breeding mosquitoes frequently and are under the scheme of oiling. This is more a mosquito control problem than Malaria as mosquitoes other than Anopheles stephensi have been found invariably breeding in these tanks.

Cellars.—Most of the cellars in the buildings on Ballard Estate have been rendered water-tight. Out of the 11 cellars existing on Ballard Estate, 10 have been made water-tight. One is under action.

VENEREAL DISEASES.

League for Combating Venereal Diseases.—Early in the year 1918, a League for Combating Venereal Diseases was established in Bombay under voluntary management with an Information Bureau and a Clinic. The League carried on propaganda and treatment work till it was taken over by the Bombay Municipality in April 1925. At the Information Bureau, information and advice regarding venereal diseases are given to the public and educative literature in English and the Vernaculars is distributed. Out-door anti-venereal propaganda work is also carried on. The Clinic has all modern equipment for the diagnosis and treatment of Venereal Diseases. It is situated at 254, Bellasis Road, in a Municipal building.

The following is an abstract of the work carried out during the year.

Registration and Racial Distribution of Patients.—During the year ending 31st December 1933, the number of patients registered in the Clinic was 3,715 (3,188 males and 527 females.)

The racial distribution of these cases was as follows :—

	Males.	Females.
Mussalmans	1,447	220
Hindoos	1,384	253
Indian Christians	235	26
Parsees	75	1
Jews	34	26
Anglo-Indians	7	1
Europeans	5	0
Japanese, Chinese and other Castes	1	0
Total ..	3,188	527

Attendances.—The daily average of new patients reporting and the average daily attendance was as follows :—

New Patients ..	Males ..	11.5	Total ..	13.4	Total daily attendance 163.8.
	Females ..	1.9			
Old Patients ..	Males ..	115.4	Total ..	150.4	
	Females ..	35.0			

Distribution of New Cases.—Out of 3,715 cases registered during the year 1933, 163 (140 males and 23 females) ceased attending before the diagnosis was completed and 375 (326 males and 49 females) were diagnosed as non-venereal. The remaining 3,177 with the addition of 361 cases carried over from last year give a total of 3,538 (2,999 males and 539 females) venereal cases who attended for diagnosis or treatment and are classified as follows :—

	Males.	Females.	Total.
Syphilis	606	227	833
Gonorrhœa	1,692	240	1,932
Non-Syphilitic Chancres	701	72	773
Total ..	2,999	539	3,538

Treatment.—Syphilis is a disease which needs extensive courses of treatment. The period depends on the stage of the disease and the response of the patient to treatment, the minimum being about 18 months to 2 years and the maximum a lifetime series of courses. In the former case, a further period of a year or two is needed for observation and blood tests if a cure is aimed at.

A combination of injections of arsenical compounds and Bismuth have given quicker results. But this combination cannot always be used or maintained in all cases. Each individual case must be treated as an entity, the treatment varying with the type and nature of the disease, the tolerance of the patient to a particular treatment and the effects obtained from different drugs exhibited. Other combinations used are Arsenic and Mercury, Arsenic and Iodides, Bismuth and Iodides and Mercury and Iodides in the form of injections, mixtures and pills. The necessity of exhibiting a variety of drugs or of changing the route of administration is especially called for in cases which continue treatment for the full period or for a moderate term, often for reasons of intolerance or unsatisfactory response, but sometimes because such patients cannot attend for injections for a long time and are then recommended treatment by mouth during their absence.

Gonorrhœa is also a long drawn disease. In the absence of a quick and sure therapy through the blood, we continue to be convinced of the paramount importance of two principles to be observed in the modern treatment of gonorrhœa, namely, the maintenance of efficient drainage and the stimulation of an adequate resistance to the gonoccocus by suitable vaccines. Daily irrigations and adequate manipulation and instrumentation to promote drainage, vaccines helped by protein shocks to raise the resistance of patients and electric treatment for complications have given satisfactory results. Among the proprietory vaccines we now prefer the detoxicated ones. We also use a large number of stock and auto vaccines prepared at our laboratory.

Laboratory Work.—The routine work of the Laboratory includes a number of urine tests, examination of wet specimens and stained smears (simple and Gram), etc., of which no account is kept. The following are the more important investigations carried out during the year :—

Wassermann Reactions	1,360
Kahn Tests	799
Dark Ground Searches for T. P.	1,875
Cultures	102
Miscellanea (blood smears and counts spinal fluids, etc.) ..	172

During the year, the Haffkine Institute carried out 551 Wassermann Reactions and 255 Kahn Tests for our Clinic.

Stock Gonococcal Vaccines made out of a number of strains collected in the Dispensary and autogenous vaccines of secondary organisms are prepared in the Laboratory for treatment of patients.

RESULT OF TREATMENT.

	Syphilis.			Acute Gonorrhœa.			Chronic Gonorrhœa.			Non-Syphilitic Sores.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Cured	13	2	15	262	56	318	88	21	109	370	28	398
Discharged at request or left fit and well	301	156	457	..	..	..	..	..	..	..	..	..
Left Improved	2	5	7	396	31	427	207	29	236	88	9	97
Sent to Hospitals	14	8	22	36	4	40	22	3	25	72	13	85
Under Treatment	109	20	129	149	20	169	103	19	122	56	6	62
Left to continue treatment	29	9	38	62	8	70	22	4	26	23	4	27
Discontinued treatment ..	37	6	43	98	5	103	73	6	79	39	8	47
Attended for Diagnosis ..	101	21	122	143	28	171	31	6	37	53	4	57
Total ..	606	227	833	1,146	152	1,298	546	88	634	701	72	773
									Grand Total ..			3,538

NOTE.—The results indicated in the above table are interpreted as follows—Patients described as " cured " of syphilis underwent a full course of treatment according to the standards adopted by modern Syphilogists. Their blood was repeatedly tested for a period of two years and a final Wassermann test was done on their Cerebro-spinal fluid before they were discharged. The rest who did not or could not go through this long treatment and the exacting tests, were discharged at request "fit and well." These patients went out disinfected and fit for work.

" Cure " of gonorrhœa was verified by means of special tests of curability.

Patients who left "improved" are mostly gonorrhœa cases. Among these a large number were drawing near a cure.

Complicated cases needing rest in bed, surgical or gynæcological interference were " sent to hospitals."

On account of the distance, office hours or resentment of publicity some patients "left to continue treatment" elsewhere and in many instances were given a note to their medical advisers with details of the case when necessary. A small percentage of these cases may have left improved without attending for a note to be made on their condition.

Many of the patients who "discontinued treatment" probably did so for the same motives as explained in connection with those who left to " continue treatment." But they have been numbered under this heading as they assigned no reason for leaving.

Patients who "attended for diagnosis only" were mostly cases that were referred to us for diagnosis by medical practitioners and medical institutions.

Follow up work.—The Nurse paid 250 domiciliary visits during the year. In her daily rounds she distributes educative leaflets and induces patients to come to the Dispensary for treatment. Follow up work is also done by her which includes talks to the families of infected men wherever possible with a view to submitting them for examination.

Post-Graduate Course.—A post-graduate course for the training of qualified medical men in venereal diseases and refresher courses for general practitioners are held during the year. These are conducted by the Medical Officer-in-charge, at the Clinic, where provision is made for Laboratory instruction and ample facilities are available for clinical work. During the year 1933 one Post-Graduate course was held and six practitioners attended as visitors for refresher courses.

DISINFECTION.

The following table shows the number of cases of Infectious diseases removed to Hospitals, of houses vacated and disinfected and of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1933.

On account of	Cases.	Cases removed to Hospitals.	Houses vacated.	Rooms disinfected.	Articles sterilized.
Plague	50	10	....	90	88
Small-pox	4,463	684	....	3,997	2,129
Measles	....	1	....	57	6
Chicken-pox	....	26	....	97	585
Typhoid Fever ..	349	6	....	327	276
Malarial Fever ..	....	....	....	....	....
Relapsing Fever ..	....	....	....	....	....
Influenza	25	....	....	18	....
Cholera	28	3	....	48	209
Erysipelas	....	....	....	11	....
Leprosy	10	1	....	1	....
Tuberculosis of Lungs ..	1,093	68	....	896	199
Dead Rats	....	....	....	26	....
Other Causes	....	6	....	298	1,255
Total ..	....	805	....	5,866	4,747

Quantities and Cost of Disinfectants and Insecticides used.—The following statement shows (*a*) the quantities in which each kind of disinfectant was used during the year ending 31st December 1933 and their cost, (*b*) quantities used for disinfecting dwelling houses, rooms and other places such as house gullies, drains, privies, etc. and (*c*) the total cost of the disinfectants used for each purpose :—

Name of disinfectants.	(*a*)		(*b*)		(*c*)	
			Quantities of disinfectants used.		Total cost of disinfectants used.	
			(*i*)	(*ii*)	(*i*)	(*ii*)
	Quantities of disinfectants used.	Cost.	For disinfecting dwelling houses and rooms.	For disinfecting other places such as house gullies, drains, privies, etc.	For disinfecting dwelling houses and rooms.	For disinfecting other places such as house gullies, drains, privies, etc.
		Rs. A. P.			Rs. A. P.	Rs. A. P.
Pesterine, Gallons	3,701½	533 12 0	234½	3467	35 4 9	498 7 3
Sal Hycol, Gallons	1,154⅛	1,537 5 7	157	997⅛	188 14 9	1,348 6 10
Clansal Disinfecting Fluid, Gallons	480	608 0 0	480	....	608 0 0	....
Popular Disinfecting Fluid Drums	55	358 8 0	55	....	38 8 0	....
Izal Powder, Bags	460¼	3,679 4 0	460¼	....	3,679 4 0	....
Sulphur	84	6 9 6	21	63	1 10 6	4 15 0
Vap. Lamps	62	68 0 0	62	....	68 0 0	....
	....	6,791 7 1	....	....	4,939 10 0	1,851 13 1

MEDICAL RELIEF.

Municipal Dispensaries.—The fourteen Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the Dispensaries during the year was 97,439 (65,165 males and 32,274 females) as against 80,129 in 1932. The total attendances numbered 2,70,692 as against 2,50,529 in 1932. These figures include 405 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at the dispensaries during each month of the year are shown in Table No. 5 (Appendix).

In addition to the above dispensary work, women and children are treated by two temporary Lady Doctors at six Municipal dispensaries in the City between 12 noon and 2 p.m. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-Natal and Post-Natal Clinics attached to the respective Homes between 1 and 3 p.m. twice a week.

The number of new cases thus treated was 11,314 (9,800 women and 1,514 children) as against 10,052 in 1932. The total number of attendances at these dispensaries was 34,628.

The free dispensary for the treatment of eye diseases opened and maintained in the Sanitary Institute, Princess Street, under Corporation Resolution No. 12677 of 5th February 1920, was removed in June 1924 to the Bai Lingubai Building in Kamathipura and named "Rajanna Jalooji Charitable Eye Dispensary." It was attended throughout the year by Dr. D. D. Sathaye. The dispensary is fully equipped and is open every day from 8-30 a.m. to 9-30 a.m. except on Sundays. The total number of new cases treated in 1933 at this dispensary was 1,933 as against 1,530 in 1932, the total attendance being 7,124 during the year.

I have pleasure in bringing to the notice of the Municipal Commissioner and the Corporation the valuable services rendered by Dr. D. D. Sathaye.

PUBLIC HEALTH ADMINISTRATION.

For administrative purposes the City has been divided into seven wards A to G, under Assistant Health Officers who are responsible for the sanitary work in the wards. A & B wards, C & D wards and F & G wards from August 1929 constitute three combined charges each under one Assistant Health Officer. There are thus four Assistant Health Officers respectively in charge of the four main divisions of the City. The Assistant Health Officers are under the direct control of the Executive Health Officer and the Assistant Health Officer, Special Grade, in charge of A & B wards, assists him in office work in addition to his own.

The Island has been further sub-divided into 39 sections in charge of Inspectors styled Medical Assistants and each Inspector in the District to which he is appointed is required to undertake the work incidental to Registration and Sanitation as well. As a necessary corollary all the newly appointed Inspectors are required to be qualified Medical Practitioners and to pass the Sanitary Inspectors' Examination.

The 39 sections have been arranged in groups to form 10 Registration and Sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and Junior Medical Inspector. There are 10 Senior and 7 Junior Medical Inspectors who are required to be Medical Graduates and to work under the orders of the Assistant Health Officers of the wards in which their respective Districts are situated. An exception in the rule as to the possession of a medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

In addition to the 39 Medical Assistants in charge of sections the fourteen Municipal Dispensaries are managed by 12 Medical Assistants whose duty is to give free medical relief to the sick poor of the City. Each of the ten Registration offices has one trained nurse who is also a midwife. Her duty is to advise pregnant women to go to the Municipal Maternity Homes for confinement and to take them there if required, to advise mothers of the poorer classes in the care of their children and to attend women of the poorer classes in their confinements.

For the prevention of adulteration, 5 Sub-Inspectors are employed to take samples of milk offered for sale and to submit them for examination to the Municipal Analyst. Sampling of milk and foodstuff is also carried out by the 17 Senior and Junior Medical Inspectors.

The Malaria Branch was re-opened on 8th January 1923 and anti-malarial measures during the year were carried out by a staff consisting of 8 Medical Inspectors, 80 Sub-Inspectors, 7 Muccadums, 198 coolies, 1 carpenter and 1 mason under the direct control of an Assistant Health Officer.

There are two Municipal Hospitals for infectious diseases under the Health Department. One for Tuberculosis and road-side patients at Connaught Road and the other for the treatment of patients suffering from all other infectious diseases at the Arthur Road. They are under the Medical Superintendent with a staff of four Medical Assistants, two Matrons, one Sister, ten Nurses and three Probationer Nurses.

The analysis of samples of food and samples of the Municipal Water supply is carried out by the Municipal Analyst in a laboratory attached to the Health Department.

The Veterinary Staff includes 1 Senior Inspector, 1 Assistant to the Senior Inspector and 3 Inspectors who are all qualified Veterinary Surgeons and inspect all public stables in the City and are also in charge of the Municipal Bullock Hospital and of the Segregation sheds at Tardeo Flats. In addition to this staff, there are 10 Veterinary Overseers who are responsible under the Conservancy Supervisors for the health of the bullocks in the eleven Health Department Stables.

The Vaccination staff includes besides the Superintendent, 1 Head Vaccinator and 9 other Vaccinators.

Conservancy.—The Conservancy Branch is a separate sub-department of the Health Department since 1920. The work done by this branch is of a varied nature and is the mainstay of the sanitary conditions of the City. The Conservancy Branch of to-day has of course developed from small beginnings. The earliest information available of the cleansing work done in old Bombay is fragmentary and disjointed. While going through the old Chronicles of the City, one comes across staggering accounts of the insanitary conditions prevailing in those days. It is stated that even upto the year 1866 except for a 1,000 feet fronting the dockyard, Custom House and the old Castle, Bombay presented a foul and hideous foreshore right from the Fort to Sewri on the east and from Apollo Bunder round Colaba and Back Bay on the west, that all

round the Island of Bombay was one foul cesspool, sewers and drains discharged on the sands, and rocks were used for the purposes of nature. To see the sands of Back Bay and Mahim was to encounter sights and odours too horrible to describe and to travel by train from Victoria Terminus to Byculla or to go into Mody Bay was to see the latrines of the whole population of the native town.

The night-soil from the privies and liquid contents from the cesspools were conveyed by sweepers and deposited in bullock drawn carts visiting the different localities. These carts about 150 in number discharged their contents on the eastern foreshore in the neighbourhood of Chinch Bunder and the filth remained there until washed away by the tides. In the interior of the City the area called the Tardeo Flats stood as an expansive pool of stagnant filthy inky liquid. The streets of the City were for the most part narrow and received all the refuse thrown by the swarm of inhabitants.

It is said that the work of cleansing and removal of refuse was done by contract and the place of final disposal was the low lands adjoining the Kurla creek where the refuse was conveyed by train.

In August of 1865 the Health Department took over the entire management of the cleansing operations of the City and the staff for the purpose then consisted of—

11 Inspectors.
46 Sub-Inspectors.
265 Drivers.
11 Stable Managers.
763 Scavengering Men.
464 Scavengering Women.

The Inspectorial members besides supervising the cleansing work, did the Sanitary Inspectors' work as well, the Executive Health Officer as now controlling the whole establishment.

It is stated that in the year 1868, the total refuse for the year was 1,18,596 tons and the cost of disposal was Rs. 1,38,000.

After the year 1873, the City made rapid progress in sanitary works, numerous streets were constructed and public buildings erected, and the Plague of 1896, set the wheels of progress still faster.

Since then the growth and development of the City, the pressing claims for continuous improvement in the standard of cleanliness and the fact that Bombay occupies the honoured position of " First City in India " made it imperative that the cleansing operations should be done as efficiently as possible. In 1919 Mr. P. W. Monie, the then Municipal Commissioner, was constrained by the necessity of the times to introduce his reorganisation scheme whereby the Conservancy Branch was rightly made a separate and distinct sub-department by itself to function under the directions of a Superintendent, but under the control of the Executive Health Officer, the chief of the Health Department.

Thus the Conservancy Branch has been working as a distinctly separate sub-department since 1920.

For refuse collection and street cleansing purposes, the City is divided into 10 well defined districts each under a Supervisor. These 10 districts are further divided into 47 Sections, each in charge of an Overseer. Each district or ward has its own personnel and equipment and is for all Conservancy purposes regarded as a complete unit of the system. For looking after the Conservancy Haulage Bullocks, the Branch has a Veterinary Establishment, and the Mechanical Engineer has the refuse mechanical transports in his charge.

The present staff of the Conservancy Branch consists of—

1 Head Supervisor.
10 Supervisors.
7 Senior Overseers.
47 Junior Overseers.
19 Depot Attendants.
950 Halalkhores.
3,676 Scavengers and
596 Cart drivers.

Although the population of the City has not varied much, still the addition of new buildings every year, the enlargement of the existing ones and the consequent addition in the length of roads, has materially increased the work of the Conservancy Branch. That this increased work is efficiently and economically done is borne out by the fact that the expenditure of the branch for 1933 was Rs. 31,06,909 as against its expenditure of Rs. 36,92,668 in 1921 the year in which it started working as a separate sub-department.

As is said above the work of the Conservancy Branch is of a varied nature and forms an important factor in keeping the City in a perfect sanitary condition. With a population composed of various communities and with the slovenly habits of 95 per cent. of the population, the conservancy work becomes extremely difficult in a large City like Bombay. The Conservancy Branch regularly sweeps about 255 miles of streets, 123 miles of footpaths and 104 miles of house gullies. Street cleansing operations have not changed. The whole work is still done by hand, the beat or length principle being adopted. Each sweeper is allotted the section of a main road, the length being determined by the width, the amount and kind of traffic, the importance of the street, the nature of its surface and the number of sweepings to be effected during the course of the day. In some cases the beat comprises several streets. The footpaths and the house gullies abutting on the allotted length of beat are included in the allotment of the work given to the man. The following table shows the collection and removal of refuse by the Street Cleansing Branch for 1933 :—

Population.	Area in Acres.	Tonnage of refuse collected and removed.			Total.
		House and Street.	Trade.	Market.	
11,61,383	15,480	3,69,434	292	5,840	3,75,566

The vehicles used in collection of street and house refuse consist of 990 units of which 26 are mechanically propelled and 2 Tractor trailors.

The policy of increasing the mechanical transports and reducing the number of bullock drawn carts has been continued and there is a scope for further development in this direction. It will of course take some years before the majority of the bullock drawn carts are replaced by motor vehicles. It will however never be possible to replace the entire stock of bullock carts. The bullock cart will still have its use and will prove indispensable in certain cases especially in inaccessible areas, where unmade roads, dangerous gradients and narrow streets make motor traffic impossible.

The following table shows the disposal of refuse for 1933 :—

REFUSE DISPOSAL FOR THE YEAR 1933 IN TONS.

Quantity of refuse disposed of by various methods.								TOTALS IN TONS.			Total Yield.
By Rail to Deonar.			By Reclamation.			By Incinerators (Household.)	By Manure pits. (Trade.)				
Household.	Trade.	Market.	Household.	Trade.	Market.			Household.	Trade.	Market.	
2,40,990	44,092	11,680	1,27,545	39,677	*Nil.*	899	16,790	3,69,434	1,00,559	11,680	4,81,673

The work done by the Halalkhore Branch for 1933 is shown in the following table :—

No. of hands employed.			Total No. existing.			Amount of excrementitious and polluted matter removed in the year.	
Basket Halalkhores including vacant Ground cleaners	Cesspool cart drivers.	Cesspool fillers.	Privy Seats.	Cesspools.	Septic tanks and Soakage pits.	Privies.	Cesspools Contents
950	88	100	9,167	Privy 2,008, Waste water 225.	224 and 16	23,417 tons	6,21,24,800 gallons.

Since 1931 the Conservancy Branch has taken up the work of cleaning the septic tanks attached to private properties in the unsewered area of the City. This work is done free for the owners of these properties. There are in the City 168 septic tanks of which 38 are in F Ward and 130 in G Ward.

ROAD SCRAPING.—There are 17 gangs of eight work-people each for the City. All water bound roads in the City and the sides of streets and other modes of construction are attended to once monthly. During the wet months of the year, the work to be done increases fourfold and to meet which the Road Washing staff whose activities cease during the same period join and assist in getting through the work.

ROAD WASHING.—There are 16 gangs of 9 work-people each for the City and 6 Muccadums to supervise. Most of the Asphalt surfaced roads and paved footpaths are washed out weekly, except during the monsoon months. The gangs thus relieved are utilised in road scraping work.

GULLY FLUSHING.—This work is carried out throughout the year. There are 19 gangs with 11 work-people and a Muccadum each.

CARCASSES.—Excluding dogs and cats, the carcasses of large and small animals collected by the conservancy staff numbered 3,278 and 24,104 respectively during the year.

PUBLIC SANITARY CONVENIENCES.—There are 262 sanitary conveniences with 762 seats. There are still a number of other places where the provision of sanitary public conveniences could usefully be carried out and in respect of which demands from the public have already been received.

These conveniences are unfortunately exposed to a lot of damage by theft during the recess hours of the attendants and at night. There is also a demand for up-to-date conveniences for better class of people to be made available for use on payment only.

RAT DESTRUCTION.—Rat operations are carried out throughout the year. The Rat Destruction armoury will have to be augmented to an appreciable extent to enable the rat population being kept at its lowest limit. To carry on intensive work which is a necessity in these days, it is necessary to add on sufficient number of men to the existing rat men for 8 months of the year, as was done before. To draw on the regular staff of the scavengering men has been found to seriously affect the daily scavengering work. The Table given under Plague shows the number of rats dealt with during the year.

DOG DESTRUCTION.—The work of destroying stray and ownerless dogs was continued throughout the year with satisfactory results. Captures were effected mainly by the use of American Buck Skin Gloves. Tongs only were used in the case of rabid dogs, or when the dogs to be captured were found to be unmanageable. The total number of dogs caught was 10,644 out of which 10,540 were destroyed in the Lethal Chamber. 104 dogs were returned to their owners.

Milk Supply.—The inquiries made and the reports submitted by the Dairy Superintendent in 1923 show that the quantity of milk available per head of population was 3·1 ounces, an amount which must be regarded as insufficient for the consumers of whom a majority are vegetarians.

In the non-vegetarian diet of a healthy adult efficient substitutes for milk can no doubt be provided, but for children upto the age of 12 and 14 years and for vegetarians, milk may be regarded as essential.

During the year, 2,650 hawkers importing milk by train were inspected. 739 were found to have no license and 989 were carrying milk in open cans without covers.

Skimmed milk is imported into the City from Anand and other places in Gujarat. Of the milk received, a very small quantity goes to the Sugar refineries; the rest is used in Eating-Houses or sold in milk shops. On account of the length of the journey, this milk must necessarily be preserved with boracic acid or formaline. Amongst the various measures tried for the purpose of stopping importation of this milk, has been the cancellation of the license of milk dealers who import milk from Gujarat. During the year, attempts have been made to examine the milk on receipt at Railway Stations and to destroy forthwith the contents of the milk cans found to

contain formaline or boracic acid. Assistant Health Officers were supplied with the equipment necessary for testing the milk. Raids were organised at all the stations in Bombay at which the trains bringing milk stopped and at other places in the City at which the trade in this milk is generally carried on and also at different tea shops and Eating Houses. These raids and other measures taken have resulted in a reduction of the quantity of skimmed milk imported.

During the year under report, 22 persons were detected dealing in skimmed milk containing boracic acid as preservative and prosecuted. The quantity of milk destroyed was 38 maunds.

Prosecutions were instituted in 503 cases of hawkers found selling milk in the streets without a license. Details with regard to the adulteration of milk and the number of prosecutions for the sale of adulterated milk, will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the license regulations was 4,174.

The scheme for the abolition of stables in the City and their transfer to the rural areas outside Bombay has unfortunately not yet made much progress.

Unwholesome Food.—The following list shows the articles of unsound food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

Fruits (fresh)	No.	3,707	
Tins of Preserved Fruits	Tins	2,098	
Potatoes	Lbs.	285	
Onions	„	204	
Vegetables	„	557	
Tamarinds	„	10	
Gur	Blocks	4	
Cheese	Lbs.	442	
Chocolate Pieces	Tins	156	
Patent Foods	„	8	
Fish tinned	„	1,069	
Flesh tinned	„	203	
Flesh Beef	„	39	
Bacon	„	2	
Ham	Lbs.	925	
Sterilized Milk	Tins	15	
Condensed Milk	„	212	

Statutory Notices.—The following list indicates the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year :—

NOTICES UNDER THE MUNICIPAL ACT IN 1933.

	No. of Notices issued under various Sections of the Municipal Act.
Total No. of Notices issued	10,224
Number complied with	6,881
Number not complied with	2,163
Number pending, the time allowed having expired	952
Number cancelled	228
No. of Notices in 1932	10,779

The work in the Presidency Magistrates' Courts during the year as regards Municipal cases was as disorganised or even more so than in the previous year as to make all sanitary actions totally ineffective. Municipal cases were not taken up regularly in the Magistrates' courts and in a large majority of them long postponements were given. The following statement shows the unsatisfactory condition of the Court cases filed by the Assistant Health Officers :—

Statement showing the number of Court cases filed under different sections and the cases outstanding on 1st January 1934.

1	2	3	4	5	6
Sections under which prosecutions were instituted.	No. of cases outstanding on 1st January 1933.	No. of cases filed from 1st January 1933 to 31st December 1933.	Total of Columns Nos. 2 & 3.	No. of cases disposed of.	No. of cases outstanding on 1st January 1934.
248	264	785	1,049	362	687
249	11	11	22	9	13
250	2	....	2	1	1
251	22	9	31	10	21
257	600	772	1,372	677	695
257, 375, 372	323	323	646	370	276
258	42	110	152	38	114
274	93	155	248	108	140
316	30	31	61	56	5
367, 368	31	87	118	55	63
372	494	606	1,100	324	776
373	1	....	1	1	..
375	33	50	83	48	35
375A	116	162	278	156	122
377	58	48	106	75	31
378	40	23	63	27	36
379	....	2	2	....	2
380	157	175	332	95	237
381	331	583	914	411	503
381A	3	1	4	1	3
384	214	392	606	222	384
385	1	..	1	1	....
390	69	134	203	82	121
391	....	7	7	....	7
394	1,269	3,472	4,741	1,449	3,292
397	1	6	7	5	2
412A	2,370	4,224	6,594	1,768	4,826
424	4	2	6	6	....
472	18	41	59	19	40
Total ..	6,597	12,211	18,808	6,376	12,432
Bombay Prevention of Adulteration Act.	416	539	955	566	389

Side by side with the Sanitary work much propaganda work is done by the Medical Staff of the Department by means of distribution of leaflets and posters on all Infectious diseases and Seasonal Sickness. The approximate cost of printing leaflets and posters is Rs. 500 per year.

SANITARY STATE OF THE CITY.

The principal causes of the insanitary conditions which maintain the death-rate at a high level even in non-epidemic periods are the insufficiency of the sewers, the continuance of the basket privy system of conservancy, the density of houses and persons per acre and the overcrowding of persons in rooms and tenements.

Water Supply.—With the completion of the Tansa pipe line, the City as a whole is now provided with an adequate supply of water from Tansa Lake. The whole supply has been chlorinated throughout the year. No provision of any kind is made for filtration.

Drainage.—Reference was made in detail in the Report for 1920 to the gravity of the insanitary conditions which result from the inadequacy of the present sewer system and the continuance of the old insanitary basket privies. The scheme for remodelling and enlarging the whole system is still under consideration and no progress has been made except in the construction of new sewers to be used when the location of the outfall has been decided upon. In the meantime, the situation has been much aggravated by the increased water supply and the erection of new buildings.

Basket Privies.—A scheme of the first importance for the conversion of basket privies into water-closets was set in motion early in 1929 and has met with signal success. When the owner has been served with a Notice calling for the conversion of the privies on his premises, he received from the Corporation a subvention of Rs. 75 subsequently reduced to Rs. 50 for every seat converted, provided the work was completed within three months of the date on which the Notice was served. If, however, the work was not completed within the time laid down, no subvention was paid and if there was further delay, the conversion was carried out by the Municipality at the owner's expense.

During the year 1,684 privy seats were converted. The number of seats remaining to be converted in the sewered areas of the City is 2,667.

The subvention of Rs. 50 per seat also ceased from 1st December 1931.

HOUSING.

Insanitary Dwellings.—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 39 Medical Assistants and 17 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of the houses in streets or areas definitely allotted for the purpose by the Assistant Health Officers. The scheme aims at the inspection of not less than 5 houses per week by each member of the inspectorial staff or 17,500 houses in all in the year. Were inspection the single object in view, these numbers could be doubled or trebled. Since, however, the primary inspections are only the first step in securing the remedy of the sanitary defects discovered, their number is strictly limited by the number of secondary visits which the enforcement of the requirements of the Department entails.

Four hundred and thirty-eight insanitary dwellings were evacuated during the year, the great majority being insanitary kutcha huts.

Sanitary Inspection.—In Table 22 (Appendix) will be found a summary of the inspections (1,71,046) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (9,162) carried in response to their orders.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL OFFICES,
BOMBAY, 21*st June* 1934.

J. S NERURKER,
B.Sc., L. M. & S., D.P.H.
Executive Health Officer.

APPENDIX.

REPORT OF THE ARTHUR ROAD HOSPITAL FOR THE YEAR 1933.

I.—STAFF.

Permanent.—I was in continuous charge of the hospital throughout the year. The permanent staff of the hospital comprises the Medical Superintendent, two Medical Assistants, one Matron, two Sisters, four Nurses and three Probationers.

Temporary.—Owing to the Small-pox Epidemic the following extra staff was engaged temporarily during the epidemic period. 6 Medical Assistants, 2 Sisters, 22 Nurses, 1 Clerk, 2 Compounders, 1 Telephone Attendant, 7 Cooks, Hamals, 7 Dhobies, 30 Ward Attendants, 1 Tailor, 2 Ambulance men and 29 Sweepers.

All the Infectious Diseases with the exception of Phthisis are now treated in this hospital.

II.—GENERAL STATISTICS.

Admissions.

The total number of admissions during the year was 2,729 as compared with 1,309 in the year 1932.

The Death-rate.—The fatality rate for all the diseases was 17.9 as compared with 13.5 per cent. in the year 1932.

TABLE No. I.

The following table shows the admissions during the year 1933.

Month.	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	Cholera.	Cerebro Spinal Fever.	Typhoid Fever.	Erysipelas.	Influenza.	Whooping Cough.	Plague.	Chigger.	Other diseases.	Total.	Discharged.	Deaths.	Average daily No. of patients.
January ..	492	11	10	..	7	1	..	..	..	1	..	..	..	20	542	430	112	164
February ..	750	6	3	..	..	..	..	..	..	..	..	..	..	30	789	657	132	352
March ..	557	11	3	..	..	..	..	..	..	..	..	..	..	15	586	478	108	383
April ..	204	4	6	..	4	..	..	..	1	..	..	..	..	16	235	184	51	249
May ..	70	9	7	..	4	..	..	..	1	1	5	1	..	16	114	94	20	83
June ..	21	..	7	..	3	1	..		2	..	1	1	..	17	53	45	8	36
July ..	5	3	5	2	10	2	..	..	3	1	..	1	..	23	55	48	7	20
August ..	4	2	10	1	10	1	1	..	2	1	1	2	..	27	62	51	11	20
September	..	2	7	2	4	2	..	3	3	..	1	3	..	33	60	53	7	18
October ..	1	6	3	1	11	3	1	..	2	..	2	1	..	34	65	52	13	16
November..	1	7	5	2	6	4	..	4	4	3	..	1	1	20	58	50	8	15
December	12	13	4	3	3	1	..	1	..	1	..	1	..	71	110	97	13	23
Total ..	2,117	74	70	11	62	15	2	8	18	8	10	11	1	322	2,729	2,239	490	107

TABLE II.

	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	Cholera.	Cerebro Spinal Fever.	Typhoid Fever.	Erysipelas.	Influenza.	Whooping Cough.	Plague.	Chigger.	Other diseases.	Total.
Patients remaining on 31st Dec. 1932 at 8 a. m. ..	81	2	1	..	3	..	..	..	1	..	..	..	..	5	93
Admitted from 1st January 1933 to 31st Dec. 1933 ..	2,117	74	70	11	62	15	2	8	18	8	10	11	1	322	2,729
Total treated	2,198	76	71	11	65	15	2	8	19	8	10	11	1	327	2,822
Discharged	1,774	71	68	11	38	7	1	7	15	7	10	..	1	287	2,297
Died	416	..	2	..	26	8	1	1	4	1	..	11	..	25	495
Mortality rate per cent. ..	19	..	3	..	40	53	50	12	25	12	..	100	..	8	17
Patients remaining on 31st Dec. 1933	8	5	1		1	..	..	..	..	..	..	..	..	15	30
Maximum No. of beds occupied on one day					12th March 1933			436.							

European and Anglo-Indian Patients.—The total number of admissions among European and Anglo-Indian patients was 18 with four deaths.

Out of the 18 cases 13 were of Small-pox of which 4 were unvaccinated and 9 were vaccinated. All the vaccinated were cured and 2 of the unvaccinated were also cured and 2 died. Two cases were of Cholera and they both died. Three cases were of other diseases and they were cured.

Accommodation.—The hospital accommodation consists of :—

The Small-pox Unit—	
Old Wards Nos. 1, 2, 3 with 19 beds each	57
Temporary Wards Nos. 4, 5, 6 with 25 beds each ..	75
European Wards Nos. 7 & 8 with 14 beds each	28
Total ..	160
The General Unit—	
Wards Nos. 9, 10, 11, 12 with 14 beds each	56
Wards Nos. 12A with 36 beds	36
Total ..	92

Thus the total accommodation is for 252 patients :—

Cost.—The average weekly cost per patient compared with the previous three years is as follows.—

	1930.	1931.	1932.	1933.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Diets	5 14 1	7 2 4	7 1 1	3 10 11
Medicines	1 11 1	3 8 7	2 13 6	1 0 4
Clothings	1 5 1	1 15 0	1 2 8	1 2 8
Disinfectants	0 3 6	0 7 0	0 5 10	0 4 8
Stores	1 7 4	1 11 0	1 10 6	0 11 8
Total cost per week ..	10 9 1	14 11 11	13 1 7	6 14 3
Total No. of patients treated	1,927	835	1,324	2,822

III.—DISEASES.

(1) **Small-pox.**—This year 2,117 small-pox cases were admitted as compared with 302 cases in the year 1932.

The small-pox epidemic of 1933 was the heaviest on record. The admissions commenced from November 1932 and began to increase in January attained maximum 750 in February declined in July as will be seen from table No. 1.

Research Work.—

(1) We worked with Major Growel of the Haffkine Institute on the treatment of Small-pox confluent cases. Selected cases were injected with the serum obtained from the calves used for preparing vaccine at Belgaum. Some of the Hæmrrohagic cases were also injected. The results were very poor as will be seen from the table given below. Of the 20 cases who were given this treatment 15 expired, 20 cases were kept as control and from them 14 expired.

(2) Dr. Dhayagude, M.D. of K. E. M. Hospital conjointly with the staff of this hospital also worked here during the Small-pox epidemic to see if any improvement could be obtained in serum treatment. As sheep also get pox disease, he tried to produce Small-pox in one sheep by scarification on the abdomen with Vesicular and Pustular material from severe cases of small-pox. In another sheep 1 c.c. of the vesicular material was injected intravenously. The first sheep was observed for a period of 3 weeks and rectal temperature was taken to note the febrile disturbances. The scarified areas showed erythimatous areola lasting for 6 to 7 days. No pustules were observed. The second sheep showed no febrile disturbances. Injection was also introduced through the nose by spraying material from vesicles and pustules without any effect. Serum was obtained from these sheep's blood and given to two hæmorrhagic cases who expired.

(3) Blood was drawn out from severe confluent cases, who recovered. This was done during the convalescent stage only serum was separated, tested for specific disease and culturally sterile serum was injected in 25 cases of severe type, 20 of these expired.

(4) Some experiments were performed to find out the infective period of Small-pox scabs. Rabbits with clear cornea were selected. First vesicular material was scarified on the cocainised cornea. Eyeball were enucleated after 48 hours and then immersed in sublimate bath. Careful examination with a lens did not reveal any white elevations on milky back ground. Histological sections cut from the scarified areas did not show any evidence of epithelial proliferations. This was the Paul's Test. Similar experiments were performed with pustular material and Scab's emulsion with no results.

Treatment.

Besides the routine treatment the following methods were tried :—

(1) Vitalux Lamp.—Confluent and Hæmorrhagic cases were exposed to the rays emanated from this lamp for varying periods from 5 minutes to 30 minutes according as the patients could bear the heat. These rays had definite result in drying up the pox earlier than usual and thus shortening the septic stage. The toxicity was thus reduced and patients felt relieved.

(2) Wild Banana seed powder.—This powder was given in 20 grains doses with honey. No stimulants were given. The pox dried up quickly. 28 cases were given this line of treatment. Out of these 14 cases died and 14 recovered showing 50 per cent. mortality in severe Hæmorrhagic and confluent cases.

TABLE III.

Clinical Classification of Small-pox.

Type.	Admissions.	Deaths.	Recovered.	Mortality rate per cent.
Hæmorrhagic	257	236	21	91.7
Confluent	294	138	156	46.9
Semi-confluent	436	33	403	7.5
Discrete	1,130	4	1,126	.3
Total ..	2,117	411	1,706	19

TABLE IV.

Treatment.	Cases.	Mortality per cent.	Control.	Mortality per cent.
Calf's serum	20	75	20	70
Sheep's serum	2	100	2	100
Convalescent serum	25	80	25	72
Wild Banana seed powder	28	50	28	75

The following table compares the vaccinal condition of patients and their mortality rate per cent. during the year as contrasted with 10 previous years.

TABLE V.

Year.	Vaccinated.		Unvaccinated.	
	Admissions.	Mortality rate per cent.	Admissions.	Mortality rate per cent.
1923	250	9	304	32
1924	547	9	541	38
1925	176	8	276	36
1926	186	4	203	37
1927	354	3	372	39
1928	279	8	243	41
1929	569	5	484	41
1930	592	7	703	43
1931	22	9	7	57
1932	195	2	107	53
1933	1,173	6	944	36

Complications of Small-pox.

Pan-ophthalmitis	3
Corneal ulcer	22
Keratitis	6
Iritis	7
Conjunctivitis	37
Otitis	9
Gas Gangrene	2
Boils	164
Parotitis	13
Arthritis	4
Nephritis	2
Orchitis	3
Broncho Pneumonia	17
Bronchitis	39
Tonsilitis	7
Laryngitis	9
Œdema of glottis	22
Septicæmia	219

The following table compares the vaccinal condition of SMALL-POX patients and mortality at all ages admitted during the year 1933.

Age.	Vaccinated.		Unvaccinated.	
	Admissions.	Deaths.	Admissions.	Deaths.
0 to 1	16	1	53	35
1 to 2	8	1	36	10
2 to 3	15	..	29	9
3 to 4	19	..	12	6
4 to 5	14	1	20	5
5 to 6	10	1	11	2
6 to 7	15	2	8	..
7 to 8	5	..	5	1
8 to 9	13	1	5	..
9 to 10	21	2	10	1
10 to 11	9	..	3	1
11 to 12	27	..	5	1
12 to 13	9	..	9	4
13 to 14	23	..	13	5
14 to 15	44	2	10	3
15 to 16	49	1	11	5
16 to 17	7	1	7	5
17 to 18	139	12	50	15
18 to 19	32	2	10	4
19 to 20	191	10	91	25
20 to 30	388	21	438	183
30 to 40	99	10	99	18
40 to 50	15	2	9	2
50 to 60	8	1	..	..
60 and upwards	3	..	..	..
Total ..	1,173	71	944	340

(2) Cholera.—There were only 15 cases of Cholera admitted during this year as compared with 3 in the year 1932. All the cases were bacteriologically positive, 8 died and 7 recovered.

(3) Diphtheria.—This disease is becoming endemic in Bombay and the admissions are increasing every year. There were 62 admissions during the year as compared with 58 in last year. 36 cases recovered after a week's trial. Out of 26 deaths 19 cases died within 24 hours of admission, 3 cases died within 48 hours and the remaining four died after a week.

It will be seen from the above that there is no improvement in the death rate as these cases are not detected early and hence removed to hospital in late stages when the heart is affected and when the specific treatment is of no avail.

Out of 62 cases admitted there were :—

Faucial type	50
Laryngeal	12

The following table shows complications in Diphtheria :—

Albuminuria	15
Heart complications..	19
Broncho Pneumonia	3
Epistaxis	2
Adenitis	28
Paralysis of soft palate	8

All the cases were bacteriologically positive.

The following table compares the number of Diphtheria cases admitted and their mortality rate per cent. during the last five years.—

TABLE V.

Year.	Admissions.	Deaths.	Recovered.	Mortality rate per cent.
1929	28	9	19	32
1930	30	12	18	40
1931	39	15	24	38
1932	58	26	32	44
1933	62	26	36	41
Total ..	217	88	129	40

Treatment.—The same routine treatment, early large doses of serum of Glucose and Ephiderin by mouth, was carried out as last year.

(4) Plague.—

	Total treated.	Died.	Cured.
Bubonic .. / Septicæmic .	11	11	..

On account of the Small-pox epidemic we had to transfer Plague patients to the Maratha Hospital. After the epidemic had subsided from the middle of the month of May to the end of the year we had 11 admissions in Plague, out of these 6 died within 24 hours of admission and 3 within 48 hours. The mortality was 100 per cent. All cases were highly septicæmic and no treatment was of any avail.

Bacteriological and Pathological Examinations.—The following table shows the number of bacteriological examinations made at the Arthur Road and Maratha Hospitals :—

—	Examinations.	Nos.
I	Blood films for parasites and differential count	120
II	Blood cultures	35
III	Material from small-pox pustules, ulcers, abscesses and other complicating focii for microscopic and cultural investigations for pyococci..	395
IV	Sputum for organisms	27
V	Material from buboes and ulcers for detection of Bacillus Pestis ..	23
VI	Stools for the detection of Amoeba, Cysts, Ova, Bacilli, Vibrios and cultural investigations with a view to arrive at diagnosis and detection of carriers	152
VII	Blood for Widal Reaction	15
VIII	„ „ Kahn Reaction	37
XI	Urine for complete analysis..	155
X	Auto-vaccines	9
XI	Cerebro-spinal fluid for physical, chemical and cultural examination ..	5
XII	Urethral smears	2
XIII	Throat swabs for cultural examination for B. Diphtheria and other organisms	158
XIV	Post-Mortem Examination	4
	Total ..	1,137

Thanks are due to the Proprietors of the FREE PRESS JOURNAL for the supply free of charge of one copy of the paper to this hospital during the year.

The Lightfoot Refrigeration Company, Limited, continued the free supply of Oxygen Gas to the hospital during the year. This continued generous help is much appreciated.

The Indian Red Cross Society was kind enough to supply several articles as gift for the hospitals which were acknowledged with thanks.

DR. P. T. PATEL, M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Cantab.), F.C.P.S.,
Medical Superintendent, Arthur Road Hospital.

TABLE VII.

Showing the diseases and Number of Patients treated jointly at the Arthur Road Infectious Diseases Hospital and Maratha Hospital during the last twenty years, *viz.*, 1914 to 1933.

Disease.	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
Small-pox	283	440	1,142	429	1,508	798	520	542	84	554	1,088	452	389	726	522	1,058	1,298	29	302	2,198
Chicken-pox	34	106	178	118	200	148	94	109	72	65	82	79	53	126	79	81	296	171	177	259
Measles	71	44	64	81	71	127	41	77	14	25	31	60	26	66	59	98	154	71	93	88
Cholera	137	16	122	42	507	1,103	153	14	10	185	30	2	..	88	17	15	33	109	3	15
Plague	440	135	411	476	335	189	123	339	234	343	120	56	25	61	129	22	21	17	28	30
Relapsing Fever	1	..	2	7	24	458	82	151	162	10	1	..	..	..	..	1	..	..	..	..
Mumps	6	22	162	171	236	46	91	64	2	11	39	26	18	31	49	48	18	57	199	11
Whooping Cough	9	15	..	..	21	2	2	2	..	..	2	..	..	7	..	3	3	7	8	10
Erysipelas	8	11	7	10	6	3	8	..	..	..	5	4	13	5	3	9	15	20	24	19
Typhoid Fever	1	..	..	..	..	2	..	..	..	..	..	..	..	1	4	1	4	3	3	8
Typhus Fever	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis	..	..	..	..	..	..	..	..	..	..	..	34	329	414	532	496	747	869	941	926
Cerebro-spinal Fever	6	4	5	8	..	12	23	123	85	46	20	18	9	5	3	1	2	9	6	2
Scarlet Fever	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	10	8	3	2	..
Encephalitis Lethargica	..	..	..	..	..	..	..	..	..	..	..	3	1	1	2	2	1	1	7	..
Diphtheria	..	1	1	2	2	1	..	1	..	..	4	1	1	2	21	32	30	39	58	65
Chigger	..	14	334	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	1
Influenza	..	..	..	..	1,520	258	295	72	73	60	62	56	42	31	27	30	13	26	23	8
General Diseases	286	228	326	401	201	516	356	513	228	214	265	276	212	257	313	267	217	285	416	397
Total ..	1,282	1,037	2,755	1,747	4,631	3,663	1,789	2,037	964	1,513	1,749	1,067	1,118	1,821	1,761	2,174	2,860	1,716	2,292	4,037

ARTHUR ROAD HOSPITAL,
BOMBAY, 18*th May* 1934.

P T. PATEL. M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Cantab.), F.C.P.S.,
Medical Superintendent, Arthur Road Hospital.

MARATHA HOSPITAL.

Annual Report for the year 1933.

I was in-charge of this hospital throughout the year.

Since 1930 this hospital is used only for the treatment of advanced cases of tuberculosis and road-side cases. But this year the City Fever Hospital being full on account of severe epidemic of Small-pox, Plague, Chicken-pox and Measles cases had to be admitted during the hot season.

The present staff of the hospital comprises of the Medical Superintendent, Matron, two Resident Medical Assistants, 6 Nurses, a Clerk and a Compounder.

I.—ACCOMMODATION.

The following table shows the total number of beds in the hospital in normal times.

TABLE I.

For	No. of Wards.	Beds in each ward.	Total beds.	Remarks.
Males ..	3	16	48	Counted on basis of 100 sq. feet of floor space per bed.
Females ..	2	16	32	
Total ..	5	..	80	

Lately the maximum number had to be increased by putting extra beds in some of the wards owing to the rush of patients.

The total number of admissions during the year was 1,158.

The daily average No. of patients was 65.

II.—COST.

The average weekly cost per patient compared with the previous three years is as follows :—

TABLE II.

	1930	1931	1932	1933
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Diets	6 2 7	5 1 5	3 2 10	3 2 4
Medicine	0 15 5	0 12 7	0 11 6	0 12 0
Clothing	0 12 4	0 9 11	0 8 2	0 7 8
Disinfectants	0 6 2	0 5 3	0 4 7	0 6 3
Stores	0 12 2	0 9 4	0 8 10	0 6 6
Total Rupees ..	9 0 8	7 6 6	5 3 11	5 2 9
Total number of patients ..	1012	931	1,058	1,215

III.—GENERAL STATISTICS.

TABLE III.

Particulars.	Phthisis.	Plague	Chicken-pox.	Measles.	Malaria.	other diseases.	Total.
Patients remained on 1st January 1933	56	..	..	..	..	1	57
Patients admitted	870	19	183	17	1	68	1,158
,, total treated	926	19	183	17	1	69	1,215
,, discharge	490	1	183	15	1	57	747
,, died	364	18	..	2	..	10	394
Mortality per cent.	39.3	94.7	..	11.8	..	14.5	32.4
Patients remained on 1st January 1934	72	..	..	..	..	..	74

TABLE IV.

Classes.	Total number of Patients treated.		Total.
	Males.	Females.	
Hindus—			
Adults	483	156	639
Children	14	6	20
Mahomadans			
Adults	200	93	293
Children	10	5	15
Christians—			
Adults	135	70	205
Children	7	14	21
Others—			
Adults..	12	7	19
Children	1	2	3
Total ..	862	353	1,215

TABLE V.

Distribution of admission throughout the year.

Months.	Phthisis.	Plague.	Chicken-pox.	Measles.	Malaria.	Other diseases.	Total.	Died.	Dis-charged.	Daily average.
January	59	..	..	..	..	6	65	37	42	53.84
February ..	63	..	42	7	1	12	125	29	73	55.50
March	76	11	77	4	..	5	173	41	130	65.26
April	65	7	57	4	..	8	141	37	105	71.83
May	73	1	7	2	..	4	87	30	57	56.29
June	65	..	..	..	..	9	74	33	48	63.47
July	80	..	..	..	..	4	84	27	50	64.13
August	79	..	..	..	..	9	88	38	52	63.09
September ..	83	..	..	..	..	2	85	30	48	69.33
October	83	..	..	..	..	3	86	29	64	70.09
November ..	78	..	..	..	..	3	81	34	41	75.50
December	66	..	..	..	..	3	69	29	37	70.10
Total ..	870	19	183	17	1	68	1,158	394	747	64.9

IV—DISEASES.

ROAD-SIDE CASES.—Patients suffering from Chronic Diarrhœa Anæmia and extreme weakness due to starvation were brought by Police or sent by other hospitals and Municipal Districts.

Malaria.—One case was admitted in the Hospital during the year and 82 persons were treated at the out-door dispensary. Out of 150 slides 39 were positive for B. T. and 2 for malignant parasites.

Plague.—19 cases of Plague were admitted for treatment.

Treatment.—Some plague cases (Septicæmic and Bubonic) were treated with Germanin (Bayer 206) but no benefit was derived.

V.—TUBERCULOSIS.

During the year 870 cases of Tuberculosis were admitted in the hospital. Their particulars are given below :—

TABLE VI.

Particulars.	Number.
Patients remained on the 1st January 1933	56
,, admitted during the year	870
,, discharged cured	2
,, relieved	111
,, relieved or otherwise	377
,, died	364
Mortality per cent.	39.3
Patients remained on 1st January 1934	72

X'Ray and screening examinations were carried out in 121 cases of Pulmonary Tuberculosis at the King Edward VII Memorial Hospital, Parel.

TREATMENT.

Drugs.—No special drugs were used this year.

Collapse Treatment :—

(1) **Artificial Pneumothorax.**—15 new cases were selected for artificial pneumothorax treatment. 2 of the old continued their refills. Out of the new, 10 cases discontinued the treatment after a fill or two ; 7 cases continued the refills and 5 cases showed marked improvement. The amount of sputum decreased and in four cases the sputum was negative and the patients added to their weights. In two cases no improvements was seen they were advised the operation of Phrenic Evulsion.

(2) **Phrenic Evulsion.**—15 cases were selected for operation out of these fourteen cases showed definite improvement—the quantity of sputum much decreased, five cases showed sputum negative and patients' weights gradually increased. Some of the patients voluntarily offered themselves to undergo the operation as much benefit was seen to have been derived by their fellow-patients. Two cases of Hæmoptysis were chosen and bleeding was checked. Considerable improvement in the general condition of the patients was noticed after the operation.

VI.—OUT-PATIENTS' DISPENSARY.

The dispensary which was started in 1931 is getting popular in the locality as seen by the attendance from year to year.

TABLE VII.

	1931.	1932.	1933.
No. of cases treated	353	674	1,939

TABLE VIII.

Statement of out-patients attendance.

Months.	New cases.	Repetitions.	Total attendance.
January	140	273	413
February	104	370	474
March	119	323	442
April	108	470	578
May	119	578	697
June	109	426	535
July	160	569	729
August	190	690	880
September	229	745	974
October	290	1,261	1,551
November	196	1,282	1,478
December	175	968	1,143
Total ..	1,939	7,955	9,894

The following table shows the different diseases treated in the out-patients' dispensary.

TABLE IX.

Diseases..	No. of patients treated.
Dysentry	15
Malaria	82
Influenza	40
Pneumococcal infection of the lungs	6
Pyrexia of uncertain origin	254
Round worms	44
Anæmia	10
Diseases of the eye	20
,, of ear	15
,, Respiratory system except pneumonia, tuberculosis of the lungs ..	237
,, of the digestive system	66
,, of the skin	162
Other local diseases	41
Injuries (general and local)	947
Total ..	1,939

VII—LABORATORY, ETC.

TABLE X.

Laboratory Investigations.

Particulars.	No. of specimens examined.
Sputum	280
Urine	48
Stools	20
Blood	167
Total ..	515

Demonstration in Collapse Therapy was given to the members of the X All-India Medical Conference in the month of December. I am very much thankful to Dr. C. S. Patel, F.R.C.P. (England), who has always been kind enough and willing to help me in the operative work for tubercular patients.

The Indian Red Cross Society and the Lightfoot Refrigeration Co. were kind enough to supply several articles as gifts and Oxygen Gas respectively for the use of the patients which were acknowledged with thanks.

The proprietors of the *Free Press Journal* were also kind to supply free of charge, a copy of the Journal for the use of the patients.

P. T. PATEL,

M.D. (Lond.), M.R.C.P. (Lond.),

D.T.M. & H. (Cantab.),

1st May 1933. *Medical Superintendent, Maratha Hospital.*

REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR ENDING 31st DECEMBER 1933.

The total number of samples examined during the year under report was 11,285 (excluding Malaria Slides) as compared with 8,065 in the year 1932. Of the above 9,558 samples were examined chemically and 1,727 bacteriologically. In 1932 the total numbers of chemical and bacteriological samples were 7,132 and 933 respectively. Besides the above 1,303 slides from the Municipal Dispensaries, etc., were examined for Malaria Parasites.

Chemical.

Out of 9,558 samples examined chemically the following were Food-Stuffs :—

Nature.	Municipal and Statutory.	Private.	Total.
Milk	5,640	21	5,661
Ghee	1,597	27	1,624
Butter	1,303	11	1,314
Vegetable Product	217	1	218
Tea & Tea Dust	16	....	16
Coffee	5	....	5
Wheat Flour	4	....	4
Margarine	8	....	8
Fish Oils	5	....	5
Other Oils	23	1	24
Other Food Stuffs	38	....	38
Total	8,856	61	8,917

Milk.

5,661 samples of Milk were examined, of which 21 were received from Private individuals and one from the Executive Health Officer. The remaining 5,639 samples were submitted officially by the Assistant Health Officers under Section 412-A of the Municipal Act. The samples sent by the Assistant Health Officers showed adulteration in 1,473 instances, while of those sent by private individuals and the Executive Health Officer, 4 and 1 samples respectively were found adulterated. Of the samples taken for legal purposes, 26.1 per cent. proved to be not genuine, as shown in the following statement :—

Received from	Total.	Genuine.	Not genuine.	Percentage of Adulteration.
Assistant Health Officer, A & B Wards	925	723	202	21.8
„ „ „ C & D „	1,804	1,311	493	27.3
„ „ „ E „	1,281	1,056	225	17.6
„ „ „ F & G „	1,629	1,076	553	34.0
Total	5,639	4,166	1,473	26.1

Preservatives in Milk.

5,639 samples of Milk were examined for preservatives, Boric Acid and Formalin. In 31 samples Boric Acid was detected, whereas Formalin in addition to Boric Acid was found in 9 samples.

Ghee.

1,624 samples of Ghee were examined ; 1,480 samples were received from the Assistant Health Officers for legal purposes, 22 from the Dean, King Edward Memorial Hospital, 56 from the Superintendent, Acworth Leper Asylum, 37 from the Executive Health Officer, 2 from the Medical Officer, Turner Sanatorium and 27 from private individuals.

The samples from the Assistant Health Officers showed adulteration in 178 instances, while those sent by the Superintendent, Acworth Leper Asylum, the Executive Health Officer and private individuals showed adulteration in 1, 2 and 7 cases respectively of the samples taken for legal purposes 12 per cent. were adulterated.

Statement showing samples of Ghee submitted under the Bombay Prevention of Adulteration Act of 1925.

Received from	Total.	Genuine.	Not Genuine.	Percentage of Adulteration.
Assistant Health Officer, A & B Wards ..	338	307	31	9.1
,, ,, ,, C & D ,, ..	459	395	64	13.9
,, ,, ,, E Ward ..	385	344	41	10.6
,, ,, ,, F & G Wards ..	298	256	42	14.1
Total ..	1,480	1,302	178	12.0

Butter.

1,314 samples of Butter were examined; 1,273 were sent by the Assistant Health Officers for legal purposes, 4 by the Assistant Health Officer, A & B Wards, 16 by the Executive Health Officer, 10 by the Dean, King Edward Memorial Hospital, and 11 by private individuals.

The samples from the Assistant Health Officers showed adulteration in 95 instances.

Of the samples taken for legal purposes 7.5 were adulterated.

Statement showing samples of Butter submitted under the Bombay Prevention of Adulteration Act of 1925.—

Received from.	Total.	Genuine.	Not genuine.	Percentage of Adulteration.
Assistant Health Officer, A & B Wards ..	441	404	37	8.4
,, ,, ,, C & D ,, ..	242	229	13	5.4
,, ,, ,, E Ward ..	324	296	28	8.6
,, ,, ,, F & G Wards ..	266	249	17	6.4
Total ..	1,273	1,178	95	7.5

Vegetable Products.

217 samples of Vegetable Products were examined all of which except one were received from the Assistant Health Officers for legal purposes. The sample received from a private individual was on examination found to contain no butter fat.

Of the samples sent by the Assistant Health Officers 18 were found to contain butter fat.

Tea and Tea Dust.

16 samples of Tea and Tea Dust were examined all of which except one were received from the Assistant Health Officers for legal purposes. One sample received from the Superintendent of Markets was on examination found to be genuine.

Of the samples sent by the Assistant Health Officers 3 were found to be not genuine.

Coffee.

7 samples of Coffee were examined all of which were sent by the Assistant Health Officers for legal purposes. These were on examination found to be genuine.

Food-stuffs.

79 samples of Food-stuffs were received from various sources. Out of these 55 samples were sent for Municipal and legal purposes all of which except one were on examination found to be genuine.

The following are the samples of Food-stuffs received from different sources :—

Received from	Wheat Flour.	Mixed Fat and Margarine.	Coloured Water.	Oils.	Plumbago Powder.	Assafoetida	Tallow.
Assistant Health Officer, A & B Wards	4	2	..	8	..	1	..
Assistant Health Officer, C & D Wards	..	3	..	..	1	..	1
Assistant Health Officer, E Ward	..	4	2	..	..	..	..
Assistant Health Officer, F & G Wards	..	..	2	1	..	..	..
Executive Health Officer ..	..	..	..	..	..	2	..
Town Duty Officer	..	..	..	2	..	..	1
Municipal Storekeeper	..	..	..	20	..	..	..
Head Supervisor	..	..	..	1	..	..	..
Total 55	4	9	4	32	1	3	2

Twenty-three other samples were received from different sources, all of which except three were found to be fit for human consumption.

One sample of Double Boiled Linseed Oil was received from a private individual which was on examination found to be genuine.

Waters.

291 samples of water were examined :—

192 from Public Supply,
80 from Wells and
19 from other sources.

291

Samples for Diagnostic Purposes.

276 samples of Urine were examined chemically.

Miscellaneous.

Ink	26
Barium Carbonate	8
Lime	3
Disinfecting Fluids	7
Soap	5
Earth	4
Rosin	2
Paints	2
Paris Green Powder	2
Sundries	15
	74

Bacteriological.

3,030 samples were examined bacteriologically, including slides for Malaria Parasites.

Waters.

158 samples of water were examined :—

120	from	Public Supply,
16	„	Wells and
22	„	Other Sources.
158		

Disinfectants.

32 samples of Disinfectants were examined to determine the Rideal Walker Carbolic Acid Coefficient.

Samples for Diagnostic Purposes.

Nature of samples.	Total.	Specific Organism.	
		Present.	Absent.
Blood for Malaria	1,303	230	1,073
Sputum for T. B.	1,276	234	1,042
Blood for Differential Counts	13	....	13
Urine for Gonococci	6	....	6
Swabs for Diphtheria	3		3
Urine for B. Coli	1	....	1
Blood for Widal	1	....	1
	2,603	464	2,139

Miscellaneous.

Vaccine Tubes	230
Sundries	7
	237

C. COUTINHO,
D. Hy., B. Sc., L. M. & S.,
Municipal Analyst.

1*st March* 1933.

TABLE I.

Statement of Samples received for Chemical Examination during the year ending 31st December 1933.

Received from	Waters.			Milk.	Ghee.	Butter.	Vegetable product.	Tea and Tea-dust.	Coffee.	Margarine.	Fish Oil.	Tallow.	Assafoetida.	Wheat Flour.	Oils.			Urine.	Lime.	Other Food-stuffs.	Miscellaneous.	Total.
	Bombay.	Well.	Others.												Cocoanut.	Sweet.	Others.					
Executive Health Officer	..	1	4	1	37	16	..	..	..	..	..	..	2	..	..	..	..	..	..	2	9	72
Hydraulic Engineer	120	..	10	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	4	134
Superintendent of Licences	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	14	17
Municipal Store-Keeper	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	5	9	..	..	..	7	27
Assistant Health Officer, Malaria ..	..	47	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	51
,, ,, ,, A & B Wards	..	10	3	925	338	445	106	14	4	1	6	..	1	4	..	..	..	..	..	12	1	1,870
,, ,, ,, C & D ,,	..	17	..	1,804	459	242	3	..	..	1	..	1	..	..	..	..	..	..	..	4	..	2,531
,, ,, ,, E Ward	..	..	..	1,281	385	324	62	..	..	3	..	..	..	..	..	..	..	..	..	6	..	2,061
,, ,, ,, F & G Wards	..	1	..	1,629	298	266	46	1	1	..	..	..	..	..	..	..	..	..	..	3	..	2,245
Other Municipal Sources	72	..	..	..	2	..	..	1	..	..	1	1	..	..	..	1	..	61	1	6	34	180
Superintendent, Acworth Leper Asylum.	..	..	..	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	56
The Dean, K.E.M. Hospital	..	..	..	..	22	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32
Private	..	4	1	21	27	11	1	..	..	..	..	..	..	..	..	..	1	215	1	..	..	282
Total ..	192	80	19	5,661	1,624	1,314	218	16	5	5	7	2	3	4	6	6	11	276	3	35	71	9,558

C. COUTINHO,
D. Hy., B. Sc., L. M. & S.,
Municipal Analyst.

TABLE II.

Statement of samples received for Bacteriological Examination for the year ending 31st December 1933.

Received from	Water.		Disinfectants.	Blood for Malaria.	Blood for Differential Counts.	Blood for Widal.	Sputum for T. B.	Urine for Gonococci.	Urine for B. Coli.	Swabs for Diptheria.	Vaccine-Tubes.	Miscellaneous.	Total.
	Bombay.	Others.											
Executive Health Officer	..	2	31	..	..	..	..	..	..	..	..	..	33
Assistant Health Officer, A & B Wards ..	..	4	..	..	..	..	..	..	..	..	..	..	4
Assistant Health Officer, C & D Wards ..	..	14	1	..	..	..	..	..	..	..	..	..	15
Hydraulic Engineer	48	18	..	..	..	..	..	..	..	..	..	..	66
Superintendent of Vaccination	..	..	..	..	..	..	..	..	..	..	230	..	230
Other Municipal Sources	72	..	..	1,303	11	1	1,260	2	..	3	..	6	2,658
Private	..	..	..	..	2	..	16	4	1	..	..	1	24
Total ..	120	38	32	1,303	13	1	1,276	6	1	3	230	7	3,030

C. COUTINHO,
Municipal Analyst.

BACTERIOLOGICAL.

Statement of Bacteriological Analysis of Bombay Water during the year ending 31st December 1933.

Minimum No. of c.c. showing the presence of Lactose Fermenters.

Source.	January		February		March		April.		May.		June.		July		August.		September.		October		November.		December.	
	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.	c.c.
Tansa water collected at Ghatkoper.	+in 50	+in 100	+in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100	—in 100
		—in 50																						
Tansa water from the outlet at Malabar Hill Reservoir	+in 50	+in 100	+in 50	+in 50	+in 50	+in 50	+in 100	+in 100	+in 50	+in 100	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 10	+im 50	+in 50	+in 50
		—in 50																						
	+in 50	+in 100	+in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in	—in
Tansa water from 72" Tansa Main at Powai.	—in 40	—in 50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Tansa water from the outlet at Bhanwarwada Reservoir.	+in 20	+in 50	+in 20	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50	+in 50

C. COUTINHO,
Municipal Analyst.

CHEMICAL.

Statement of Results of Bombay water for the year ending 31st December 1933.

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
Tansa Water.																								
Total Solids	12.0	13.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	13.0	13.0	13.0	12.0	12.0	13.0	11.0	13.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia ..	0.009	0.009	0.010	0.008	0.009	0.009	0.009	0.010	0.900	0.010	0.009	0.009	0.008	0.009	0.009	0.008	0.010	0.009	0.008	0.012	0.008	0.007	0.007	0.008
Oxygen absorbed at 80°F (Tidy's Process).	0.030	0.032	0.032	0.024	0.021	0.023	0.025	0.024	0.028	0.029	0.030	0.032	0.037	0.034	0.032	0.030	0.028	0.028	0.033	0.039	0.028	0.026	0.022	0.024
Tulsi Water.																								
Total Solids	25.0	24.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	24.0	24.0	26.0	26.0	24.0	23.0	26.0	24.0	24.0	24.0	24.0	22.0	22.0	24.0	24.0
Chlorine	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.002	0.002
Albuminoid Ammonia ..	0.035	0.034	0.032	0.026	0.040	0.030	0.021	0.038	0.019	0.019	0.018	0.020	0.021	0.019	0.014	0.023	0.019	0.016	0.028	0.026	0.021	0.018	0.018	0.025
Oxygen absorbed at 80°F (Tidy's Process).	0.086	0.086	0.080	0.078	0.068	0.070	0.046	0.041	0.068	0.078	0.086	0.089	0.075	0.065	0.072	0.068	0.072	0.076	0.068	0.066	0.076	0.066	0.076	0.068
Vehar Water.																								
Total Solids	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0	26.0	25.0	26.0	25.0	26.0	26.0	26.0	28.0	28.0	28.0	24.0	24.0	26.0	26.0
Chlorine	1.2	1.2	1.2	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Free Ammonia	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.002	0.002	0.001
Albuminoid Ammonia ..	0.035	0.032	0.034	0.032	0.031	0.032	0.018	0.038	0.024	0.032	0.030	0.034	0.036	0.034	0.037	0.031	0.037	0.034	0.032	0.034	0.036	0.028	0.028	0.036
Oxygen absorbed at 80°F (Tidy's Process).	0.126	0.112	0.114	0.008	0.047	0.050	0.042	0.043	0.058	0.116	0.120	0.120	0.140	0.116	0.116	0.112	0.120	0.116	0.112	0.114	0.106	0.100	0.112	0.096

C. COUTINHO,

Municipal Analyst.

THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1933.

During the year under report Dr. B. H. Madan was in charge except periods from 1-1-1933 to 22-1-33, 24-11-33 to 23-12-33 when I was in charge.

(1) **Vaccine Operations with Results.**—The following statement shows the number of persons primarily vaccinated during the year 1933 and the preceding nine years, giving the percentage of successful operations in the case of each year.

Year.	Primary Vaccinations.			Re-vaccination.	Total number of persons vaccinated.
	Number of persons vaccinated.	Number successful.	Percentage		
1924	20,135	17,683	88	26,508	46,643
1925	20,400	18,848	92	15,220	35,620
1926	18,615	17,426	94	16,888	35,503
1927	20,374	18,748	92	29,196	49,570
1928	20,625	19,142	93	15,018	35,643
1929	21,788	19,634	90	48,978	70,766
1930	24,710	21,777	88	99,808	1,24,518
1931	19,952	18,944	95	7,709	27,661
1932	23,783	22,292	94	12,436	36,219
1933	33,439	27,428	82	2,43,102	2,76,431

Out of the persons primarily vaccinated 21,351 were born in Bombay and 12,088 were born out of the City compared with 15,462 and 8,321 respectively in the previous year. The numbers of both of Primary and Re-vaccinations are unprecedented and break the records of all previous years, number of primary being nearly 10,000 more than in any previous year, and the number of Re-vaccinations being nearly two and a half times as much as largest previous record for an epidemic year. The immense work of vaccination and re-vaccination to combat the epidemic was carried out smoothly and without any cause for complaints.

Out of the total number of Primary Vaccinations during the year 27,428 were ascertained to have been successful. The percentage of known success being 82.03. This percentage would have to be raised to 99·68, if 5,903 cases were excluded, the result of which could not be ascertained.

(2) **The Result of Vaccination by Ages.—**

The following table represents the results of Primary Vaccinations by age period.

Results.	Under 1 year.	1-6 years.	6 years and upwards.	Total.
Successful	18,712	8,528	188	27,428
Unsucessful	79	25	4	108
Unknown	3,566	2,206	131	5,903
Total ..	22,357	10,759	323	33,439

(3) **Inspection of Results.**—The reports of the vaccinators were checked in 3,378 cases by the Superintendent and 5,553 cases by the Head Vaccinator. Following are the details :—

Detail of Inspection.	By the Superintendent.	By the Head Vaccinator.
Number of cases inspected	3,378	5,553
„ „ successful	3,377	5,549
„ „ unsuccessful	1	4
Number successful per 100 inspected	100	100
Number inspected per 100 vaccinated	10.10	16.61

From the above statement it will be seen that the percentage of successful cases as ascertained by the Inspecting Officers was somewhat higher than that reported by the Vaccinators.

(4) **Income.**—The following statement shows the proceeds from the sale of lymph the fees realised from vaccinations at private places, etc., during the year under report.

Amount realised by sale of lymph.	Municipal Moiety of the fees realised by private vaccinations.	Municipal fees (Moiety only) received from vaccination instructions to Medical and other Students.	Municipal fees realised from vaccination extracts, etc.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
7,108 12 0	1,607 10 0	1,120 0 0	112 0 0	9,948 6 0

(5) **Cost of Single Operation.**—The cost of each successful vaccine operation including all charges was Rs. 2-10-8 against Rs. 2-0-10 in the preceding year; if the amount of Rs. 9,948-6-0 realised by the sale of lymph, by fees for private vaccination, etc., is deducted from the total expenditure, the cost works out at Rs. 2-4-10 against Rs. 1-13-7 for the previous year. If calculated on the total number of vaccine operations, the cost of each operation after deducting the proceeds from sale of lymph, from private vaccination, etc., comes to Rs. 0-3-8 against Rs. 1-2-2 for the preceding year.

(6) **Postponement Certificates.**—During the year under report 161 certificates of postponement were granted.

(7) **Prosecution.**—There were no cases of prosecution instituted for failure to bring infants for vaccination, for failure to present them for inspection seven days after the operation.

(8) **Ill-Effects from Vaccination.**—No serious ill-effects following vaccination were observed or reported during the year under report.

(9) **Instructions to Students.**—During the year under report 177 Civil Medical pupils and 60 other private students from the City and the Mofussil attended the different Public Vaccination Stations for instructions in "Vaccination".

(10) **Vaccination of Pilgrims.**—The number of Pilgrims, who left Bombay for the "Haj" during the year was 4,102, out of these 3,110 or 75.82 per cent. were vaccinated in Bombay before Embarkation.

The following table shows the number of males and females and the number of primary vaccinations and re-vaccinations performed amongst the pilgrims by the special staff engaged for the work.

———	Males.	Females.	Total.
Primary Vaccinations	1	3	4
Re-vaccinations	1,880	1,226	3,106
Total ..	1,881	1,229	3,110

(11) Vaccine Lymph used was obtained from the Director, Vaccine Institute, at Belgaum. The extra number of twenty-five thousand doses of vaccine lymph for the epidemic was promptly and regularly supplied.

(12) As per instructions from the Executive Health Officer, arms of Children were cleaned with Acetone before vaccinating them.

K. N. CHOKSY,

BOMBAY, 19*th February* 1934. M.B.B.S. (BOM.), D.P.H. (LOND), D.T.M. (LOND.),

Ag. Superintendent of Vaccination.

1

POPULATION BY SECTIONS.

1		2			3		
		Population.					
Ward.	Section.	By the Census of 1921.			By the Census of 1931.		
		Males.	Females.	Total.	Males.	Females.	Total.
A	Upper Colaba	2,813	934	3,747	288	148	436
	Middle and Lower Colaba ...	13,758	6,290	20,048	13,628	6,326	19,954
	Fort, South	3,469	684	4,153	2,854	641	3,495
	Fort, North	19,642	11,279	30,021	16,823	9,009	25,832
	Esplanade	11,591	3,980	15,571	9,814	4,489	14,303
B	Mandvi	25,789	12,823	38,612	27,050	14,656	41,706
	Chukla	16,533	6,463	22,996	12,031	6,006	18,037
	Umerkhadi	29,635	17,583	47,218	25,588	16,006	41,594
	Dongri	12,596	8,153	20,749	8,101	4,927	13,028
C	Market	27,008	8,072	35,080	26,952	11,699	38,651
	Dhobi Talao	27,873	14,298	42,171	27,568	16,804	44,372
	Fanaswadi	19,732	10,373	30,105	19,722	12,355	32,077
	Bhuleshwar	23,744	10,878	34,622	23,097	12,009	35,106
	Khara Talao	16,038	7,887	23,925	14,998	8,245	23,243
	Kumbharwada	21,726	10,755	32,481	19,815	12,212	32,027
D	Khetwadi	24,481	15,134	39,615	24,350	14,957	39,307
	Girgaum	22,333	13,670	36,003	24,369	14,417	38,786
	Chowpati	8,870	5,390	14,260	10,091	6,106	16,197
	Walkeshwar	11,502	6,609	18,111	14,523	8,211	22,734
	Mahalakshmi...	24,197	13,843	38,040	22,948	13,621	36,569
E	Mazagon	23,130	13,643	36,773	28,414	14,739	43,153
	Tarwadi	26,724	13,993	40,717	24,678	15,660	40,338
	2nd Nagpada...	14,583	8,520	23,103	13,338	7,694	21,032
	Kamathipura...	27,369	17,216	44,585	23,488	14,083	37,571
	Tardeo	19,650	12,336	31,986	19,200	12,548	31,748
	Byculla	58,370	32,970	91,340	59,098	32,887	91,985
	1st Nagpada	5,131	2,514	7,645	4,672	2,551	7,223
F	Parel	38,164	22,032	60,196	40,407	23,153	63,560
	Sewri	17,126	11,519	28,645	17,376	9,380	26,756
	Sion	34,507	21,937	56,444	43,167	26,031	69,198
G	Mahim	29,425	18,705	48,130	30,048	19,196	49,244
	Worli	78,444	41,346	119,790	73,644	40,887	114,531
Harbour, Docks, Railways and Unknown		35,379	2,753	38,132	25,241	2,349	27,590
	Total ...	771,332	404,582	1,175,914	747,381	414,002	1,161,383

TABLE showing the Area, Density of Population, the number of Births, the Birth-rate and Deaths under one year per 1,000 Births by Sections in 1933.

1	2	3	4	5			6	7	8
Ward.	Sections.	Area in Acres.	Average Population per Acre calculated on the Census Population of 1931.	Number of Births registered.			Number of Births per 1,000 of Population.	Mean ratio of Births per 1,000 of Population during the preceding 5 years.	Deaths under 1 year per 1,000 Births
				Males.	Females.	Total.			
A	Upper Colaba	163	3	56	46	102	27·1	42·5	156·9
	Middle and Lower Colaba	527	38	203	247	450		18·3	195·5
	Fort, Southern	133	26	16	26	42	12·0	11·9	23·8
	Fort, Northern	159	162	370	386	756	29·3	19·5	206·3
	Esplanade	787	18	234	258	492	34·4	29·1	148·4
B	Mandvi	187	223	418	371	789	18·9	12·4	285·2
	Chukla	47	383	227	218	445	24·7	21·4	197·7
	Umarkhadi	101	413	686	671	1,357	32·6	27·8	229·9
	Dongri	302	43	249	227	476	36·5	20·8	193·3
C	Market	85	453	467	388	855	22·1	14·9	270·2
	Dhobi Talao	208	213	584	541	1,125	25·3	19·8	266·7
	Fanaswadi	99	321	439	454	893	27·8	21·6	237·4
	Bhuleshwar	73	478	435	426	861	24·5	18·6	259·0
	Khara Talao	41	565	322	294	616	26·5	24·2	232·1
	Kumbharwada	44	727	380	353	733	22·9	18·6	343·8
D	Khetwadi	155	254	590	613	1,203	30·6	22·9	236·9
	Girgaum	112	345	627	527	1,154	29·7	22·4	243·5
	Chowpati	109	149	275	271	546	33·7	24·1	137·4
	Walkeshwar	590	39	231	224	455	20·0	17·6	153·8
	Mahalakshmi	659	56	464	422	886	24·2	19·4	282·2
E	Mazagon	1,075	40	438	433	871	20·2	18·2	293·9
	Tarwadi	499	81	758	704	1,462	36·2	24·5	234·6
	2nd Nagpada	33	636	243	199	442	21·0	22·4	257·9
	Kamathipura	62	602	450	445	895	23·8	19·4	346·4
	Tardeo	150	212	404	335	739	23·3	22·3	320·7
	Byculla	568	162	1,019	914	1,933	21·0	17·4	439·7
	1st Nagpada	29	246	109	98	207	28·6	26·3	183·6
F	Parel	561	113	1,026	902	1,928	29·0	24·1	244·8
	Sewri	578	46	376	311	687	25·7	19·5	377·0
	Sion	3,559	19	1,140	1,076	2,216	32·0	24·5	239·6
G	Mahim	1,511	33	873	811	1,684	34·2	28·8	258·9
	Worli	2,273	50	1,875	1,751	3,626	25·1	20·8	286·5
	Harbour, Docks, Railways and Unknown	.....	.....	..	...	...	.....	0·3	.....
	Total	15,480	75	15,984	14,942	30,926	26·6	20·8	269·0

3

TABLE of Population and Births by Communities or Castes in 1933.

Race or Caste.	Population.		Births.				
	By the Census of 1921.	By the Census of 1931.	Registered in 1933.			Number per 1,000.	
			Males.	Females.	Total.	1933.	1932.
Jains	23,884	12,424	391	402	793		
Brahmins	72,400	75,966	1,104	1,046	2,150		
Lingaits	866	347	138	127	265	25·1	22·9
Bhatias	9,015	5,895	123	123	246		
Banias	58,824	50,822	421	477	968		
Hindus of other Castes ...	560,951	553,580	6,873	6,273	13,146		
Hindus, Low Caste	135,634	103,251	2,266	2,118	4,384	42·4	39·8
Mussalmans	184,685	209,246	2,664	2,485	5,149	24·6	23·5
Parsees	52,234	57,765	558	533	1,091	18·9	20·5
Jews	7,548	8,621	148	148	296	34·3	35·4
Indian Christians	48,719	64,269	1,090	1,063	2,153	33·5	32·7
Anglo-Indians	4,724	7,039	62	63	125	17·7	20·3
Europeans	14,726	9,420	60	71	131	13·9	15·1
Buddhists	1,645	1,630	13	7	20	12·3	15·3
Other and Unknown Castes ..	59	1,108	3	6	9	8·1	1·8
Total ..	1,175,914	1,161,383	15,984	14,942	30,926	26·6	24·9

TABLE showing Cases of Infectious Diseases notified from all sources during the year 1933.

1	2	3													
		Total Number of Cases notified in each Section.													
Ward	Sections.	Cholera.	Small-pox.	Plague.	Enteric Fever.	Diphtheria.	Typhus.	Relapsing Fever.	Puerperial Fever.	Tuberculosis.	Leprosy.	Influenzal Pneumonia.	Cerebral Spinal Meningitis.	Scarlet Fever.	Total.
A	Upper Colaba	..	4	..	3	5	..	..	2	2	..	1	..	1	18
	Middle and Lower Colaba	2	33	3	6	3	..	..	1	25	..	..	..	..	73
	Fort, Southern	..	15	..	..	1	..	..	..	2	..	..	..	..	18
	Fort, Northern	..	123	..	10	9	1	..	2	54	1	1	..	..	201
	Esplanade	1	46	1	9	3	1	..	1	69	..	1	2	..	134
B	Mandvi	..	95	6	9	..	..	..	1	41	..	..	..	..	152
	Chuckla	..	24	1	5	1	..	..	..	38	..	..	..	..	69
	Umarkhadi	..	98	4	12	10	..	..	8	155	1	2	1	..	291
	Dongri	1	43	2	2	..	..	..	1	27	..	..	..	..	76
C	Market	..	88	2	7	3	..	..	2	36	..	1	..	..	139
	Dhobi Talao	1	145	..	20	10	..	..	3	85	..	3	..	1	268
	Fanaswadi	2	119	..	7	1	..	..	..	19	..	1	..	..	149
	Bhuleshwar	2	66	3	9	.	..	..	2	68	..	1	..	..	151
	Khara Talao	..	45	..	3	..	..	..	1	68	..	1	..	..	118
	Kumbharwada	..	102	1	6	..	..	..	5	43	..	..	..	..	157
D	Khetwadi	..	140	1	26	5	..	..	7	71	1	3	..	..	254
	Girgaum	..	122	..	24	3	..	..	1	53	..	1	..	..	204
	Chowpati	2	73	..	2	4	..	..	3	33	..	1	1	..	119
	Walkeshwar	1	35	..	7	3	..	..	..	15	..	..	..	..	61
	Mahalakshmi	5	125	..	12	2	..	..	2	55	1	1	..	..	203
E	Mazagon	1	149	..	7	6	..	..	7	61	..	..	..	..	231
	Tarwadi	1	251	1	6	1	..	..	3	184	..	..	..	..	447
	2nd Nagpada	..	62	2	1	4	..	..	2	41	..	1	..	..	113
	Kamathipura	2	215	1	2	..	..	..	5	112	..	1	..	..	338
	Tardeo	1	98	4	4	..	..	..	3	32	1	..	..	1	144
	Byculla	1	632	4	15	9	..	..	1	173	1	1	1	..	838
	1st Nagpada	..	58	.	2	2	..	..	3	14	..	..	..	..	79
F	Parel	5	314	3	33	2	..	..	3	80	..	2	1	..	443
	Sewri	..	69	1	2	..	..	..	..	19	..	..	..	..	91
	Sion	..	204	..	29	8	..	..	1	77	3	1	..	..	323
G	Mahim	..	114	4	39	9	..	..	3	58	1	..	1	..	229
	Worli	..	753	6	30	6	..	..	6	93	..	1	..	..	895
	Harbour, Docks, Railways and Unknown	..	1	..	..	..	..	..	..	..	..	..	..	2	3
	Total	28	4,463	50	349	110	2	..	79	1,903	10	25	7	5	7,031

TABLE of Cases treated at all the Municipal Dispensaries during 1933.

Description of Disease or Injury.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Measles	...	1	1	1	...	3	...	...	...	...	...	1	7
Whooping Cough	3	1	2	...	16	12	1	3	1	16	2	3	60
Dengue	...	...	...	...	1	...	...	...	...	...	...	...	1
Influenza	107	74	133	118	251	339	360	245	259	439	391	272	2,988
Dysentery	73	56	81	77	94	96	125	97	96	96	64	67	1,022
Diarrhœa	146	114	149	138	157	222	242	175	199	161	180	176	2,059
Malarial Fever	40	29	34	21	49	43	85	165	99	158	193	123	1,039
Fever not defined	708	728	870	795	866	1,406	1,485	1,215	1,732	1,795	1,301	1,064	13,965
Bronchitis	849	711	836	795	731	501	450	390	373	475	353	374	6,838
Pneumonia	12	18	19	34	36	19	13	23	33	53	17	16	293
Diseases of the teeth	191	206	239	206	270	244	234	260	254	272	259	218	2,853
Ophthalmia	48	63	98	92	97	104	119	101	109	107	111	71	1,120
Corneal Ulcer	3		1	2	3	2	7	4	13	17	10	11	73
Ringworm	167	120	229	208	242	283	312	322	319	336	231	197	2,966
Scabies	683	627	784	642	563	474	538	605	758	713	750	770	7,907
Worms	217	207	262	258	317	331	350	347	288	280	288	230	3,375
All other Diseases and Injuries	3,074	2,992	3,759	3,667	4,311	4,523	4,954	4,718	5,025	5,524	4,606	3,720	50,873
Total New Cases	6,321	5,947	7,497	7,054	8,004	8,602	9,275	8,670	9,558	10,442	8,756	7,313	97,439*

* Including 1,939 cases treated at the Maratha Hospital, Out-door Department.

Note :—This Table does not include the number of patients treated at the two Dispensaries for Tuberculosis (*see* page 24) and at those for Women and Children (*see* page 40).

TABLE of DEATHS from All Causes by Sections and Age-periods in 1933

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	
Wards.	SECTION.	Under 1 year	1 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and upwards.	Age, Unspecified.	Total Deaths.			Number of Deaths among Males to 100 Deaths among Females.	Ratio of Deaths per 1,000 of Population.	
													Males	Females.	Persons		1933.	Mean during the previous 5 years.
A	Upper Colaba	16	8	2	...		13	5	2	5	10	...	33	28	61	118	16·7	...
	Middle and Lower Colaba	88	46	14	3	6	30	26	21	15	33	...	146	133	279	109		
	Fort, Southern	1	2	...	1	...	6	5	1	3	6	...	19	6	25	316	7·1	8·9
	Fort, Northern	156	85	13	7	21	68	46	38	39	55	...	304	224	528	135	20·4	17·5
	Esplanade	74	39	7	1	9	42	38	32	21	29	...	190	102	292	186	20·4	19·9
B	Mandvi	225	109	28	12	21	70	64	51	40	75	...	395	300	695	131	16·7	15·8
	Chukla	89	63	8	5	11	29	27	27	28	34	...	188	133	321	141	17·8	20·0
	Umarkhadi	312	178	22	33	34	129	105	78	71	162	...	565	559	1,124	101	27·0	27·4
	Dongri	92	63	5	9	15	27	24	22	22	22	...	159	142	301	112	23·1	18·6
C	Market	230	126	23	8	25	72	49	32	50	57	...	391	281	672	139	17·4	14·6
	Dhobi Talao	300	143	26	27	28	86	76	69	53	125	...	498	435	933	114	21·0	19·1
	Fanaswadi	212	141	21	14	19	51	55	35	53	81	...	347	335	682	103	21·3	18·0
	Bhuleshwar	223	138	17	23	28	68	67	65	46	103	...	442	336	778	131	22·2	23·0
	Khara Talao	144	66	5	7	19	60	48	42	31	58	...	279	201	480	138	20·6	23·2
	Kumbharwada	252	156	24	15	20	81	63	49	30	68	...	380	378	758	101	23·7	19·5
D	Khetwadi	288	118	39	13	30	100	100	64	71	112	...	498	437	935	114	23·8	19·2
	Girgaum	282	138	24	12	28	105	63	59	54	114	1	450	430	880	105	22·7	18·6
	Chowpati	70	45	11	8	11	44	41	18	36	45	...	175	154	329	113	20·3	17·2
	Walkeshwar	72	27	11	5	4	29	34	17	20	49	...	157	111	268	141	11·8	12·1
	Mahalakshmi	251	132	20	11	20	65	69	59	49	88	...	428	336	764	127	20·9	17·7
E	Mazagon	254	139	32	15	26	84	93	52	38	103	...	437	399	836	110	19·4	19·2
	Tarwadi	346	223	39	13	32	110	89	63	48	111	...	593	481	1,074	123	25·6	23·0
	2nd Nagpada	114	62	16	9	18	58	49	34	38	60	...	237	221	458	107	21·8	27·2
	Kamathipura	309	218	46	18	32	133	109	79	51	128	...	584	539	1,123	108	29·9	24·2
	Tardeo	237	156	20	12	31	79	94	63	45	106	...	471	372	843	126	26·5	25·6
	Byculla	849	451	109	40	82	302	227	157	119	237	...	1,367	1,206	2,573	113	28·0	24·1
	1st Nagpada	37	25	4	...	9	15	16	12	8	14	...	80	60	140	133	19·4	19·7
F	Parel	471	244	52	20	65	199	155	105	80	154	...	849	696	1,545	122	24·3	19·0
	Sewri	260	137	24	13	27	78	72	54	41	62	...	392	376	768	104	28·7	20·3
	Sion	530	312	47	24	56	164	153	100	93	231	...	906	804	1,710	112	24·7	22·9
G	Mahim	436	259	44	27	37	123	113	87	68	162	...	712	644	1,356	111	27·5	24·1
	Worli	1,038	607	128	44	85	365	241	174	146	261	1	1,750	1,340	3,090	131	27·0	20·1
	Harbour, Docks, Railways and Unknown	62	14	5	11	22	126	120	79	63	50	1	387	166	553	233	20·0	17·8
	Total	8,320	4,670	883	460	871	3,011	2,536	1,840	1,575	3,005	3	14,809	12,365	27,174	120	23·4	20·8

TABLE of DEATHS by Race and Age in 1933.

DATE.	Under 7 days.		1 to 4 weeks.		4 weeks to 6 months.		6 to 12 months.		1 to 2 years.		2 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 years and over.		Age unspecified.		All ages.		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Males.	Females.	Persons.
Jains	15	10	8	7	31	17	35	40	21	32	17	19	10	8	8	1	11	6	22	20	27	16	17	10	29	7	26	10	...	..	277	203	480
Brahmins	57	43	41	26	86	71	130	118	81	84	49	51	27	28	3	16	25	41	118	106	85	57	78	33	61	37	113	91	...	..	954	802	1,756
Lingayets	15	9	8	12	25	13	16	26	18	32	32	33	12	11	1	4	5	7	20	16	9	11	8	8	2	2	13	8	..	..	184	192	376
Bhatias	3	6	2	1	8	5	7	7	6	6	3	4	2	1	1	1	2	2	6	6	3	4	7	5	6	3	10	15	..	..	66	66	132
Banias	35	17	16	11	36	36	66	66	55	44	21	31	12	13	8	7	7	17	26	45	35	22	36	14	32	18	47	25	..	..	432	366	798
Hindoos (Other Castes)	473	339	355	282	560	480	672	661	556	622	447	498	204	249	103	108	202	196	865	655	858	474	559	272	451	216	602	570	1	..	6,908	5,622	12,530
Hindoos (Low Castes)...	153	102	118	98	183	170	245	234	271	267	210	227	50	49	30	26	43	39	114	152	97	93	101	56	82	54	120	160	1	..	1,818	1,727	3,545
Mussalmans	159	126	95	76	233	153	238	207	192	203	153	160	69	80	34	70	79	118	305	344	341	199	294	135	239	95	404	292	1	..	2,836	2,258	5,094
Parsees	24	6	8	7	15	10	16	25	19	15	13	12	8	6	1	5	10	6	16	16	25	35	34	29	63	46	159	143	..	..	411	361	772
Jews	3	6	2	5	6	2	7	4	7	5	5	4	3	2	...	2	2	6	5	7	4	4	2	2	11	7	14	14	..	..	71	70	141
Indian Christians ...	40	36	78	76	104	112	47	37	28	36	34	35	19	16	13	18	20	26	69	67	68	45	81	35	62	25	69	60	..	..	732	624	1,356
Anglo-Indians	3	...	2	2	2	6	4	3	2	1	2	1	1	1	...	...	...	...	4	1	3	4	5	3	12	3	5	13	..	..	45	38	83
Europeans	3	1	...	...	..	2	...	.	...	1	1	...	2	...	...	..	1	..	6	.	8	3	5	2	7	4	12	9	..	..	45	23	68
Negro-Africans ...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..		...	...	...
Buddhists	...	1	1	...	2	...	2	1	2	...	1	1	...	...	...	...	...	...	...	...	5	...	4	3	1	...	...	...	..	..	18	6	24
Others and Unknown ...	9	5	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	1	..	..	12	7	19
Total { Male ...	992		735		1,291		1,485		1,258		988		419		202		407		1,576		1,569		1,232		1,058		1,594		3		14,809		27,174
Total { Female ...		707		603		1,077		1,430		1,348		1,076		464		258		464		1,435		967		608		517		1,411		..		12,365	

Table No. 8

The deaths by Age and Month in 1933.

Age.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Under 7 days	157	116	129	109	132	104	128	156	159	189	136	184	1,699
1 to 4 weeks	106	112	115	96	63	82	80	115	153	146	121	149	1,338
4 weeks to 6 months	203	293	298	232	160	174	181	133	184	199	156	155	2,368
6 months to 12 months	203	266	325	278	278	277	305	212	206	252	185	128	2,915
1 to 2 years	242	302	311	243	225	231	221	173	182	179	156	141	2,606
2 to 5 „	190	304	297	205	157	139	132	131	132	145	112	120	2,064
5 to 10 „	109	138	127	99	64	57	47	40	45	50	45	62	883
10 to 15 „	52	60	53	43	43	32	31	26	38	38	21	23	460
15 to 20 „	88	108	115	70	61	56	71	52	74	68	52	56	871
20 to 30 „	328	344	370	247	241	249	204	178	218	221	196	215	3,011
30 to 40 „	210	231	298	190	215	206	197	183	186	226	200	194	2,536
40 to 50 „	159	140	159	139	148	155	168	164	153	143	154	158	1,840
50 to 60 „	130	138	142	139	121	118	129	126	122	146	124	140	1,575
60 and over	273	262	236	230	254	231	209	249	242	265	292	262	3,005
Ages Unspecified	...	...	1	...	...	...	1	...	...	1	...	...	3
Total ...	2,450	2,814	2,976	2,320	2,162	2,111	2,104	1,938	2,094	2,268	1,950	1,987	27,174

9

TABLE OF DEATHS by Sections and Months in 1933.

Ward.	Section.	Months.												Total.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
A	Upper Colaba	3	7	6	7	3	4	7	6	7	5	5	1	61
	Middle and Lower Colaba ..	18	23	28	35	24	17	21	16	25	16	25	31	279
	Fort, Southern	..	4	2	1	2	2	1	1	2	3	2	5	25
	Fort, Northern	53	40	46	47	47	58	43	28	43	46	48	29	528
	Esplanade	27	26	22	31	29	11	19	23	32	30	16	26	292
B	Mandvi	30	53	86	75	65	51	48	67	62	54	53	51	695
	Chukla	32	23	28	30	33	30	23	23	25	23	19	27	321
	Umarkhadi	75	98	122	104	92	100	89	91	88	106	80	79	1124
	Dongri	32	33	34	25	20	26	31	23	20	27	13	17	301
C	Market	62	54	82	62	43	63	59	48	53	51	48	47	672
	Dhobi Talao	72	73	89	70	90	78	64	79	75	78	73	92	933
	Fanaswadi	53	84	75	58	51	45	62	48	52	49	54	51	632
	Bhuleshwar	72	65	85	76	69	53	59	58	70	60	55	56	778
	Khara Talao	42	34	44	56	38	40	28	34	35	48	40	41	480
	Kumbharwada..	59	72	71	70	57	75	59	56	60	79	45	59	758
D	Khetwadi	113	90	78	74	69	92	70	58	77	79	70	65	935
	Girgaum	75	103	97	70	68	61	75	67	57	63	62	82	880
	Chowpatti	28	36	26	23	18	35	28	36	27	19	26	27	329
	Walkeshwar	22	21	35	18	22	20	22	23	24	24	22	15	268
	Mahalakshmi	70	65	86	59	63	64	67	52	52	67	57	62	764
E	Mazgaon	56	86	112	86	65	62	64	59	64	67	58	57	836
	Tarwadi	114	143	111	83	79	70	80	75	70	91	79	79	1,074
	Second Nagpada	39	44	45	35	44	45	30	35	39	35	35	32	458
	Kamathipura	89	129	154	93	78	85	88	54	92	113	73	75	1,123
	Tardeo	68	96	107	81	63	66	59	44	61	70	67	61	843
	Byculla	263	348	284	213	182	156	180	160	192	228	188	179	2,573
	First Nagpada	9	19	12	16	7	10	7	16	9	10	9	16	140
F	Parel	178	194	182	110	138	107	107	86	110	100	121	112	1,545
	Sewri	65	68	81	76	73	59	64	70	52	59	54	47	768
	Sion	138	151	173	130	150	135	154	146	116	165	124	128	1,710
G	Mahim	106	100	120	124	110	116	121	101	136	113	99	110	1,356
	Worli	344	402	385	225	225	220	230	220	224	239	192	184	3,090
	Harbour, Docks, Railways and Unknown	43	30	63	57	45	55	40	35	43	51	42	44	553
	Total ..	2,450	2,814	2,976	2,320	2,162	2,111	2,104	1,938	2,094	2,268	1,950	1,987	27,174

10

TABLE of DEATHS by Causes

Wards.	SECTIONS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		Enteric Fever (1).	Small-pox (5).	Measles (7).	Scarlet Fever (8).	Whooping Cough (9).	Diphtheria and Croup (10).	Influenza (11).	Encephalitis Lethargica (23).	Meningococcal Meningitis (24).	Tuberculosis of Respiratory System (31).	Other Tuberculous Diseases (32-37).	Cancer, Malignant Disease (43-49).	Rheumatic Fever (51).	Diabetes (57).	Cerebral Hæmorrhage (74,75a).	Heart Disease (87-90).	Arterio-Sclerosis (91b).	Bronchitis (99).	Pneumonia (all forms) (100-101).	Other Respiratory Diseases (97,98,102-107).	Ulcer of Stomach or Duodenum (111).
A	Upper Colaba ...	...	1	...	...	...	1	1	...	...	3	...	...	...	...	...	4	...	1	12	5	1
	Middle and Lower Colaba.	2	16	...	...	...	1	...	...	...	17	4	2	...	1	7	6	...	3	81	9	...
	Fort, Southern ...	...	2	...	...	...	...	...	...	...	1	...	2	...	...	...	3	...	...	6	2	...
	Fort, Northern ...	6	43	...	...	...	2	2	...	...	37	7	11	1	4	5	16	...	3	147	12	...
	Esplanade ...	2	14	2	...	1	1	...	...	1	24	4	4	...	2	1	8	...	...	83	12	...
B	Mandvi	8	58	2	...	...	...	...	...	...	37	7	4	...	1	5	9	...	6	268	22	...
	Chukla	4	4	2	...	...	1	3	...	...	28	5	3	..	...	2	5	...	3	106	30	2
	Umarkhadi ...	10	55	..	...	1	5	4	...	...	130	12	13	2	6	13	13	...	30	319	66	1
	Dongri	4	17	...	...	...	...	1	...	...	23	2	...	1	2	3	2	...	7	92	17	...
C	Market	3	45	2	...	1	2	1	...	...	21	5	3	...	4	9	7	...	20	269	13	1
	Dhobi Talao ..	9	87	8	...	1	3	6	...	1	68	15	13	2	7	17	25	1	26	193	17	...
	Fanaswadi ...	5	90	8	...	...	...	1	...	...	9	7	8	1	2	13	8	...	15	181	19	1
	Bhuleshwar ...	8	31	3	...	...	...	1	...	...	54	7	9	...	1	9	14	...	40	239	16	1
	Khara Talao ...	3	25	1	...	...	...	1	1	..	56	3	1	1	1	2	6	2	10	158	21	...
	Kumbharwada ...	6	74	4	..	...	...	3	...	...	31	5	8	...	...	4	1	...	13	292	43	2
D	Khetwadi ...	21	75	4	...	1	1	8	...	...	56	6	20	3	7	14	23	...	35	214	24	1
	Girgaum ...	19	96	4	..	4	1	5	1	1	48	7	9	...	4	8	16	...	29	216	18	1
	Chowpatti ...	2	27	...	...	...	2	3	...	2	29	3	8	...	4	4	10	...	9	50	8	...
	Walkeshwar ...	3	14	2	...	1	1	1	...	.	13	3	5	...	2	6	13	...	11	55	7	1
	Mahalakshmi ...	10	66	3	...	...	.	1	1	...	47	3	12	1	4	7	12	...	30	201	10	1
E	Mazagon ...	4	75	1	...	...	1	4	...	.	40	7	2	...	...	4	9	...	12	280	27	1
	Tarwadi ...	2	146	1	...	.	...	3	..	...	56	5	6	...	1	3	10	1	18	319	39	...
	2nd Nagpada ...	1	22	1	...	...	...	...	...	..	34	1	6	..	1	2	5	1	2	157	45	..
	Kamathipura ...	2	145	2	...	...	...	1	..	...	96	15	3	1	1	3	3	..	13	315	51	1
	Tardeo	4	63	2	...	...	...	2	...		29	4	12	...	3	4	11	...	7	238	49	...
	Byculla	7	344	9	...	...	1	4	...	...	110	21	8	...	3	16	17	...	130	600	140	2
	1st Nagpada ..	1	8	...	...	...	...	2	...	...	8	1	2	1	...	1	2	...	..	49	8	...
F	Parel	14	217	1	...	...	...	4	...	1	53	9	8	...	2	8	12	...	20	461	53	1
	Sewri	3	57	1	...	..	...	...	...	...	13	1	1	...	...	...	...	...	12	242	25	...
	Sion	18	119	3	...	1	...	5	...	...	43	5	13	...	1	20	16	...	40	488	47	1
G	Mahim	18	74	2	...	2	6	4	1	1	34	11	11	1	...	5	20	...	17	365	60	1
	Worli	19	546	18	...	...	3	4	...	1	45	8	7	...	2	11	17	...	128	691	41	...
	Harbour, Docks, Railways and Unknown.	23	3	...	...	1	1	1	...	1	83	25	14	...	7	2	16	...	10	41	18	2
	TOTAL ...	241	2,659	86	...	14	33	76	4	9	1,376	218	228	15	73	208	339	5	700	7,428	974	22

* The Classification Numbers are the same and have the same application as those used in the Short List of causes of death

and Sections in 1933.

22	23	24	25	26	27	28	29	30	31										32		TOTAL.
									OTHER DEFINED DISEASES.												
Diarrhœa and Enteritis (115-114).	Appendicitis (117).	Cirrhosis of Liver (122).	Acute and Chronic Nephritis (138-139).	Puerperal Sepsis (146).	Other accidents and Diseases of Pregnancy and Parturition (143-145, 147-150.)	Congenital Debility and Malformation, Premature Birth (159-161).	Suicide (165-174).	Other deaths from Violence (175-203).	A	B	C	CC	D	E	F	G	H	K	Causes ill-defined or unknown (204-206).	Still-born.	
									Plague (17).	Kala-Azar(24A)	Malaria (5a &b)	Ague and Remittent Fever (5c).	Relapsing Fever (3).	Fever not defined (205: 2a)	Cholera (14).	Dysentery (16)	Leprosy (20).	Other Defined Diseases.			
...	...	1	2	2	...	9	2	1	...	...	...	...	...	2	...	2	...	9	2	12	61
10	...	..	4	1	3	41	2	10	3	...	...	1	..	...	2	5	..	46	2	23	279
...	..	1	...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	4	..	1	25
18	1	1	9	2	5	40	2	11	...	...	5	9	...	3	...	1	...	115	10	51	528
8	1	...	3	1	1	36	2	7	1	...	1	1	...	...	...	2	1	56	12	23	292
20	...	...	7	2	3	50	7	16	6	...	1	4	...	4	...	4	...	135	9	45	695
3	...	...	3	...	2	18	4	4	1	...	1	1	...	2	...	...	...	78	6	41	321
27	2	1	13	8	4	88	5	15	3	...	3	15	..	3	...	7	1	233	17	112	1,124
11	...	2	....	1	1	33	1	8	2	...	1	9	...	...	...	4	...	57	...	29	301
18	1	...	6	3	3	43	3	18	2	...	2	5	...	6	...	1	...	142	13	42	672
32	...	2	11	4	6	95	5	20	...	...	3	12	...	10	1	8	...	203	22	84	933
18	...	2	6	...	2	47	5	12	...	...	...	16	...	6	1	...	...	190	9	65	682
16	...	3	8	4	8	57	2	19	3	...	4	12	...	3	2	4	...	185	15	60	778
2	1	...	5	1	2	36	1	7	...	...	...	17	...	3	...	3	...	95	15	46	480
4	1	1	2	5	4	38	3	10	1	...	..	24	...	1	...	7	...	143	8	47	758
23	2	9	14	6	12	88	7	24	1	...	3	18	...	5	...	10	1	183	16	77	935
16	1	8	9	1	12	67	4	10	...	...	1	24	...	7	...	5	...	215	13	81	880
12	...	3	4	3	...	26	9	12	...	...	...	7	...	2	2	2	...	75	11	34	329
10	3	3	4	...	4	29	1	5	...	..	2	...	...	3	...	1	...	60	5	33	268
21	1	5	8	2	2	101	7	12	...	...	3	6	...	3	5	13	1	150	15	76	764
25	1	3	...	7	1	108	3	13	...	...	1	31	...	4	...	2	...	154	16	66	836
22	3	2	7	2	3	140	3	18	...	...	...	52	...	2	1	4	1	190	14	82	1,074
8	...	...	3	2	3	34	1	9	2	...	...	29	...	...	...	1	...	83	5	35	458
16	...	1	5	5	6	138	4	21	1	...	...	32	...	...	...	1	...	232	9	70	1,123
31	2	2	14	3	9	74	3	13	4	...	2	36	...	3	1	2	...	197	19	65	843
146	...	6	15	3	7	351	5	42	4	...	7	140	..	10	1	20	1	386	17	191	2,573
5	...	...	2	2	1	13	..	2	..	...	...	2	...	1	...	1	...	21	7	10	140
49	...	9	6	2	11	178	2	30	3	...	9	80	...	7	...	12	...	267	16	149	1,545
29	...	...	4	..	2	119	2	27	1	...	2	80	...	4	...	13	...	122	8	44	768
77	...	5	12	1	8	191	4	23	...	..	3	96	...	33	...	22	25	363	27	134	1,710
44	1	6	9	2	9	225	8	29	4	...	7	85	...	8	...	21	...	245	20	135	1,356
71	2	14	13	6	6	457	9	55	5	...	5	347	...	17	...	40	...	484	18	296	3,090
13	3	14	14	4	8	34	8	61	1	...	5	1	..	1	1	12	...	104	21	79	553
805	26	104	221	85	149	3,025	125	565	48	...	71	1,192	...	153	17	230	31	5,222	397	2,338	27,174

adopted by the Registrar-General and the Local Government Board. The Numbers following the causes of death are the corresponding Numbers in the Detailed List.

COMPARATIVE TABLE of BIRTHS and DEATHS from some of the PRINCIPAL CAUSES during 1933 and the preceding 10 years.

YEAR.	Births (excluding still-births.)		Total Deaths.		Plague.		Small-pox.		Measles.		Cholera.		Influenza.		Enteric Fever.		Malaria.		Ague and Remittent Fever.		Tuberculosis.		Diarrhœa, Enteritis and Dysentery.		Respiratory Diseases.		Deaths under 1 year.		Deaths of Children (1 to 5 years.)		Still-born.
	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	
1923 ...	20,995	17·2	37,959	31·1	1,329	1·1	479	0·4	142	0·1	189	0·1	250	0·2	137	0·1	403	0·3	2,692	2·2	1,371	1·1	3,305	2·7	14,099	11·5	8,632	411·1	5,240	13·8	1,942
1924 ...	21,838	17·6	38,774	31·3	409	0·3	1,242	1·0	199	0·2	34	0·0	118	0·1	172	0·1	488	0·4	2,679	2·2	1,568	1·3	3,569	2·9	14,410	11·6	9,156	419·3	6,019	15·5	1,821
1925 ...	20,268	16·1	31,968	25·4	174	0·1	570	0·4	152	0·1	12	0·0	94	0·1	156	0·1	581	0·5	2,337	1·8	1,404	1·1	2,564	2·0	12,151	9·6	7,212	356·8	4,994	15·6	1,716
1926 ...	20,068	16·5	31,991	25·0	56	0·0	480	0·4	136	0·1	5	0·0	90	0·1	135	0·1	635	0·5	2,004	1·6	1,755	1·4	2,332	1·8	11,901	9·3	8,200	389·2	5,343	16·7	1,676
1927 ...	21,685	16·7	27,633	21·3	207	0·2	842	0·6	96	0·1	82	0·1	79	0·1	146	0·1	365	0·2	1,633	1·2	1,748	1·3	1,483	1·1	9,949	7·6	6,857	316·2	4,275	15·5	1,780
1928 ...	24,017	18·5	27,312	21·0	257	0·2	597	0·4	86	0·1	34	0·0	79	0·1	137	0·1	295	0·2	1,431	1·1	1,764	1·3	1,167	0·9	10,468	8·1	7,468	310·9	4,060	14·7	1,826
1929 ...	24,220	18·6	26,555	20·4	29	0·0	1,135	0·9	113	0·1	8	0·0	63	0·0	170	0·1	216	0·2	1,540	1·2	1,520	1·2	1,226	0·9	9,550	7·4	7,225	298·3	4,607	17·4	1,860
1930 ...	25,329	19·5	27,552	21·2	29	0·0	1,677	1·3	136	0·1	40	0·0	75	0·1	188	0·1	195	0·2	1,541	1·2	1,450	1·1	1,470	1·1	9,703	7·5	7,506	296·3	5,090	18·5	2,013
1931 ...	27,204	23·4	25,105	21·6	24	0·0	31	0·0	45	0·0	80	0·1	130	0·1	186	0·2	131	0·1	1,398	1·2	1,566	1·3	1,295	1·1	9,096	7·8	7,401	272·0	3,920	15·6	2,164
1932 ...	28,894	24·8	22,856	19·7	37	0·0	313	0·2	100	0·1	7	0·0	76	0·1	185	0·2	76	0·0	1,217	1·0	1,389	1·2	968	0·8	8,282	7·1	6,298	218·0	3,355	16·8	2,024
Average of 1923-1932.	23,452	18·7	29,770	23·8	255	0·2	737	0·6	120	0·1	49	0·0	105	0·1	161	0·1	338	0·3	1,847	1·5	1,553	1·2	1,932	1·5	10,961	8·8	7,595	323·8	4,740	15·9	1,882
Average of 1928-1932.	25,933	20·8	25,876	20·8	75	0·1	751	0·6	96	0·1	34	0·0	85	0·1	173	0·1	153	0·1	1,425	1·1	1,538	1·2	1,225	1·0	9,420	7·6	7,180	276·8	4,306	16·6	1,977
1933 ...	30,926	26·6	27,174	23·4	48	0·0	2,659	2·3	86	0·1	17	0·0	76	0·1	241	0·2	71	0·0	1,192	1·0	1,594	1·4	1,035	0·9	9,102	7·8	8,320	269·0	4,675	17·2	2,338

Table No. 12.

TABLE of DEATHS by Causes and Months in 1933.

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	GENERAL DISEASES.													
	I—Epidemic, Endemic, and Infectious Diseases.													
1	Enteric fever	13	13	19	13	22	24	37	33	24	12	16	15	241
2	Typhus fever	..	..	..	..	1	..	..	..	..	..	..	..	1
3	Relapsing fever ("Spirillum Obermeieri")	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Mediterranean fever	..	..	..	..	..	..	..	..	..	..	..	..	..
5 : *a* : *b*	Malaria	9	4	4	6	3	4	5	4	7	8	6	11	71
5 : *c*	Remittent fever	104	85	90	92	99	91	119	85	89	137	108	93	1,192
6	Small-pox	394	889	775	328	168	59	17	8	..	4	6	11	2,659
7	Measles	7	11	21	11	4	2	2	4	3	4	6	11	86
8	Scarlet fever	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Whooping cough	1	1	3	2	1	2	1	1	..	2	..		14
10	Diphtheria	4	2	..	3	3	..	3	4	3	7	2	2	33
11	Influenza	7	4	7	8	3	10	11	7	5	5	5	4	76
12	Miliary fever	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Mumps	2	..	..	..	..	..	..	..	..	..	..	..	2
14	Asiatic Cholera	..	..	1	..	2	..	3	1	4	3	3	..	17
15	*Cholera nostras**	..	..	..	..	..	..	..	..	..	..	..	..	..
16	Dysentery	20	20	23	20	18	17	21	34	17	20	13	7	230
17	Plague	..	3	12	11	6	2	1	2	6	3	1	1	48
18	Yellow fever	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Spirochætosis ictero-hæmorrhagica	..	..	..	..	..	..	..	..	..	..	..	..	..
20	Leprosy	3	5	3	1	4	2	3	1	..	2	2	5	31
21	Erysipelas	1	..	2	..	..	..	1	..	..	2	1	1	8
22 : 1	Acute poliomyelitis	..	..	..	..	..	..	..	..	..	..	..	..	..
22 : 2	Acute polioencephalitis	..	..	..	..	1	1	..	..	..	2	..	1	5
23	Encephalitis lethargica	..	..	..	1	..	..	..	1	..	1	1	..	4
24	Meningococcal meningitis	..	1	..	3	3	..	..	2	..	..	..	..	9
24A	Kala Azar	..	..	..	..	..	..	..	..	..	..	..	..	..
25 : *b*	Other epidemic and endemic diseases	1	..	..	3	..	1	..	..	..	..	..	..	6
26	Glanders	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Anthrax	..	..	..	..	..	..	..	..	..	..	..	..	..
28	Rabies	4	2	..	2	1	1	..	1	1	2	..	..	14
29	Tetanus	16	14	15	14	11	6	6	11	12	10	8	24	147
30 : 1	Actinomycosis	..	..	..	..	..	..	..	..	..	..	..	..	..
30 : 2 : *a*	Sprue	3	11	7	5	5	9	8	1	2	4	7	3	65

* No deaths are classified under this Head which is applicable only to Great Britain.

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	I—Epidemic, Endemic, and Infectious Diseases—contd.													
30 : 2 : *b*	Other mycoses	..	..	..	..	..	..	..	..	..	..	1	..	1
31	Tuberculosis of the Respiratory system	87	101	100	86	125	125	118	132	125	121	127	129	1,376
32	Tuberculosis of central nervous system	2	2	7	3	9	9	6	2	4	4	3	1	52
33	Tuberculosis of intestines and peritoneum	9	6	9	7	10	14	11	13	8	12	5	8	112
34	Tuberculosis of vertebral column	2	1	2	..	..	1	..	1	..	2	2	..	11
35	Tuberculosis of joints ..	..	1	1	..	1	2	..	..	..	..	..	..	5
36	Tuberculosis of other organs	3	1	1	2	2	1	2	2	1	3	..	6	24
37	Disseminated tuberculosis ..	1	..	1	1	1	..	3	2	2	..	1	2	14
38	Syphilis	2	2	1	4	3	2	5	2	2	6	..	3	32
39	Soft chancre	..	1	..	..	..	..	..	..	..	..	..	..	1
40 : 1	Gonococcal infection (ophthalmia excepted) ..	..	..	..	..	..	..	..	1	..	..	..	..	1
40 : 2	Gonorrhœal or purulent ophthalmia	..	..	..	..	..	..	1	..	..	..	..	..	1
41	Purulent infection, Septicæmia	7	4	9	13	7	16	6	13	15	17	16	11	134
42 : 1	Vaccinia	..	..	..	..	..	..	..	..	..	..	..	..	..
42 : 2	Other general diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II—General Diseases not included in I.													
43	Cancer of the Buccal cavity .	2	4	1	2	..	2	..	1	4	4	4	2	26
44	Cancer of the Pharynx, œsophagus, stomach, liver and annexa	5	6	6	9	6	4	2	3	8	5	5	4	63
45	Cancer of the Peritoneum, intestines and rectum ..	1	2	..	..	1	2	..	4	3	1	4	..	18
46	Cancer of the Female genital organs	1	2	4	1	3	2	1	1	3	2	3	1	24
47	Cancer of the Breast.. ..	..	1	3	2	..	1	1	1	1	2	2	3	17
48	Cancer of the Skin	..	..	..	..	1	..	..	1	..	..	..	..	2
49	Cancer of the Other or unspecified organs	7	3	4	12	3	6	5	6	7	7	9	9	78
50	Tumours not returned as malignant (brain and female genital organs excepted)	1	..	1	..	1	3	2	..	1	..	..	2	11
51	Rheumatic fever	2	2	..	..	2	1	3	..	1	..	2	2	15
52 : 1	Chronic Rheumatism, chronic arthritis	..	..	..	..	..	..	1	1	..	..	..	..	2
52 : 2	Rheumatoid arthritis, osteo-arthritis	2	1	..	1	..	..	1	..	..	..	..	..	5

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	II—General Diseases not included in I—contd.													
52 : 3	Gout	..	..	..	..	..	..	..	..	..	..	..	..	..
53	Scurvy	..	..	..	..	1	..	..	1	..	..	..	..	2
54	Pellagra	..	..	..	..	..	..	..	..	..	..	..	..	..
55	Beri-beri	..	..	..	..	..	..	..	..	..	..	..	..	..
56	Rickets	53	60	68	51	48	69	65	54	46	52	64	49	679
57	Diabetes	3	4	1	5	4	4	12	8	6	10	7	9	73
58 : *a*	Pernicious anæmia	10	7	3	5	3	7	5	3	3	6	2	2	56
58 : *b*	Other anæmias and chlorosis	74	64	81	66	65	61	54	75	60	85	54	77	816
59	Disease of pituitary gland ..	..	..	..	..	..	..	..	..	..	..	..	..	..
60 : *a*	Exophthalmic goitre.. ..	..	..	..	..	..	..	..	..	1	..	..	..	1
60 : *b* : 1	Myxœdema	..	..	..	..	..	..	..	..	..	..	..	..	..
60 : *b* : 2	Cretinism	..	..	..	..	..	..	..	..	..	..	..	..	..
60 : *b* : 3	Other diseases of the thyroid gland	..	..	..	..	..	1	..	..	..	..	..	..	1
61 : 1	Tetany	..	..	..	..	2	..	..	..	..	..	..	..	2
61 : 2	Other diseases of the parathyroid glands	..	..	..	..	..	..	..	..	..	..	..	..	..
62	Diseases of the thymus ..	..	..	..	1	1	..	1	..	..	..	2	..	5
63	Diseases of the adrenals ..	..	..	..	..	..	..	..	..	..	..	..	..	..
64	Diseases of the spleen ..	1	..	..	..	..	..	..	..	..	..	..	..	1
65 : *a*	Leukæmia	..	..	..	..	..	..	1	1	..	..	1	1	4
65 : *b*	Lymphadenoma	1	..	..	..	..	..	1	..	..	..	2	..	4
66	Alcoholism (acute or chronic)	..	..	..	..	..	..	1	..	..	..	..	..	1
67 : 1	Occupational lead poisoning.	..	..	..	..	..	..	..	..	..	..	..	..	..
67 : 2	Other chronic poisoning by mineral substances ..	..	..	..	..	..	..	1	..	..	..	..	..	1
68	Chronic poisoning by organic substances	..	..	..	..	..	..	..	..	..	..	..	..	..
69 : 1	Purpura	..	1	1	1	1	..	..	1	..	..	..	..	5
69 : 2	Hæmophilia	..	1	..	..	..	..	1	..	..	..	..	..	2
69 : 3	Other general diseases ..	..	..	2	1	..	..	2	2	2	1	1	1	12
	III—Diseases of the Nervous System and Sense Organs.													
70	Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..	..
70 : 1	Cerebral abscess	..	1	..	1	..	1	..	..	..	..	..	..	3
70 : 2	Other forms of Encephalitis .	2	4	3	2	2	2	3	3	2	4	1	..	28
71	Meningitis	14	9	8	9	8	11	9	7	7	10	11	10	113
72	Tabes dorsalis (locomotor ataxy)	..	..	..	..	..	..	..	..	..	..	..	..	..

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	III—Diseases of the Nervous System and Sense Organs—contd.													
73	Other diseases of the spinal cord	2	1	1	..	..	..	1	..	2	..	..	2	9
74 : *a* : 1	Cerebral Hæmorrhage so returned	5	5	6	6	7	7	3	10	3	4	4	5	65
74 : *a* : 2	Apoplexy (lesion unstated) ..	3	1	2	4	2	1	1	1	2	4	5	2	28
74 : *b* : 1	Cerebral embolism	..	1	..	..	1	1	..	..	2	..	..	..	5
74 : *b* : 2	Cerebral thrombosis	..	..	1	1	..	4	2	1	3	1	..	..	13
75 : *a*	Hemiplegia of unstated origin	4	12	6	9	9	8	3	12	8	8	9	9	97
75 : *b*	Other forms of paralysis of unstated origin	6	1	4	2	4	5	2	6	7	5	4	3	49
76	General paralysis of the insane	..	..	..	..	..	..	..	1	..	..	..	..	1
77	Other forms of insanity ..	..	..	..	..	..	..	..	..	1	..	..	..	1
78	Epilepsy	2	..	..	..	..	3	..	1	1	2	1	1	11
79	Convulsions (non-puerperal, 5 years and over)	1	..	1	..	..	..	..	..	..	..	..	..	2
80	Infantile convulsions (under 5 years of age)	54	67	63	60	45	50	58	44	61	66	56	60	684
81	Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..
82 : 1	Hysteria, Neuralgia	1	1	..	..	..	1	..	1	..	1	..	..	5
82 : 2	Neuritis	..	..	..	..	..	..	..	..	..	..	..	..	..
83	Cerebral softening	..	..	..	..	..	..	..	..	..	..	..	..	..
84 : 1	Idiocy, Imbecility	..	..	..	..	..	..	..	..	..	..	..	..	..
84 : 2	Cerebral tumour	..	..	1	2	..	1	..	..	..	..	2	2	8
84 : 3	Disseminated sclerosis ..	..	..	1	..	..	..	..	..	..	..	..	..	1
84 : 4	Paralysis agitans	..	..	..	..	1	..	..	..	..	..	..	..	1
84 : 5	Other diseases of the Nervous System	2	2	..	1	2	1	..	..	..	1	2	..	11
85	Diseases of the eye and annexa	..	..	1	..	..	..	..	..	..	..	..	..	1
86 : 1	Diseases of the mastoid sinus.	..	..	1	1	1	2	..	..	1	1	..	..	7
86 : 2	Other diseases of the ear ..	..	..	..	1	..	..	..	..	..	..	..	..	1
	IV—Diseases of the Circulatory System.													
87	Pericarditis	1	1	2	..	1	1	..	..	..	..	2	2	10
88 : 1—2	Acute endocarditis	1	2	..	..	1	2	..	1	2	1	1	2	13
88 : 3	Acute myocarditis	1	1	..	..	..	1	1	1	2	3	..	3	13
89	Angina pectoris	1	3	8	3	5	5	2	5	4	3	4	2	45
90 : 1—4	Valvular Heart Disease ..	10	5	7	9	7	7	4	8	6	10	6	12	91

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	Total.
	IV—Diseases of the Circulatory System—contd.													
90 : 5	Fatty Heart	4	1	4	3	2	..	2	1	..	1	1	..	19
90 : 6	Dilatation of heart (cause unspecified)	5	..	6	1	1	1	6	..	..	2	2	2	26
90 : 7	Other or unspecified myocardial disease	1	1	1	5	7	4	5	2	6	5	2	5	44
90 : 8	Disordered action of the heart	..	..	1	..	..	..	2	..	..	..	2	..	5
90 : 9	Heart disease (unspecified) ..	12	2	5	4	1	8	10	7	7	6	8	3	73
91 : *a*	Aneurysm of the Arteries ..	2	..	..	2	2	3	1	3	1	1	1	3	19
91 : *b* : 1	Arterio-sclerosis with cerebral vascular lesion ..	..	..	..	..	..	..	..	..	..	..	..	..	..
91 : *b* : 2	Arterio-sclerosis without record of cerebral vascular lesion	..	..	..	..	2	..	2	..	..	..	..	1	5
91 : *c*	Other diseases of the arteries	..	..	..	..	..	..	..	1	..	..	..	..	1
92	Embolism and Thrombosis (not cerebral)	1	..	..	..	..	1	1	1	1	1	2	2	10
93	Diseases of the veins ..	1	..	2	1	1	2	1	..	..	..	..	..	8
94	Diseases of the lymphatic system	..	..	1	..	..	..	..	..	1	..	..	..	2
95	Hæmorrhage without stated cause	2	1	2	..	..	..	..	1	..	..	..	..	6
96	Other diseases of the circulatory system	1	1	1	..	..	..	..	1	2	1	1	2	10
	V—Diseases of the Respiratory System.													
97	Diseases of the nasal fossæ and annexa	..	..	..	..	..	..	..	..	..	..	..	..	..
98	Disease of the larynx ..	..	..	..	1	1	..	..	..	1	..	..	..	3
99 : *a*	Acute bronchitis	..	..	1	1	2	..	1	1	2	..	1	..	9
99 : *b*	Chronic bronchitis	46	36	39	37	33	28	29	22	34	35	27	38	404
99 : *c*	Bronchitis not defined ..	22	13	35	30	23	37	23	13	19	30	23	19	287
100	Broncho-pneumonia ..	393	379	452	426	389	389	455	378	434	455	324	279	4,753
101 : *a*	Lobar Pneumonia .. .	31	32	38	30	22	21	26	10	24	19	24	17	294
101 : *b*	Pneumonia (not otherwise defined)	200	210	222	214	226	231	199	144	180	184	183	188	2,381
102 : 1	Empyema	2	1	1	..	2	2	1	3	2	2	1	2	19
102 : 2	Other Pleurisy	1	2	..	1	2	..	1	..	1	..	2	3	13
103	Congestion and hæmorrhargic infarct of lung	4	6	6	7	9	4	7	6	5	3	5	5	67
104	Gangrene of the lung ..	..	..	2	..	..	..	2	..	..	..	..	..	5
105	Asthma	77	80	87	63	64	63	61	62	70	72	74	80	853
106	Pulmonary emphysema ..	1	..	1	..	1	..	1	..	1	1	..	..	6
107	Other diseases of the respiratory system	..	..	1	..	1	1	..	1	2	1	1	..	8

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	VI—Diseases of the Digestive System.													
108 : 1	Diseases of the teeth and gums	..	..	..	..	..	..	..	..	1	..	1	..	2
108 : 2	Ludwig's angina	2	..	..	..	..	..	..	..	..	..	..	2	4
108 : 3	Other diseases of the buccal cavity	..	..	..	1	..	1	..	..	..	..	..	..	2
109 : 1	Tonsillitis, Adenoid vegetations	1	..	1	1	2	..	1	..	1	..	..	2	9
109 : 2	Other diseases of the pharynx	..	..	..	..	..	..	..	1	..	..	..	..	1
110	Diseases of the œsophagus	..	..	..	1	1	..	..	1	..	..	1	..	4
111	Ulcer of the stomach or duodenum	2	..	3	3	1	..	..	2	2	4	2	3	22
112	Other diseases of the stomach	..	1	2	..	2	1	2	2	2	4	1	2	19
113, 114	Diarrhœa and enteritis	45	48	62	66	70	88	80	81	81	69	59	56	805
115	Ankylostomiasis	..	..	..	..	..	..	..	..	3	..	..	..	3
116	Diseases due to other intestinal parasites	1	3	3	..	..	1	..	..	1	1	..	..	10
117	Appendicitis	1	2	2	2	1	5	3	1	2	1	2	4	26
118 : *a*	Hernia	..	..	3	1	4	3	1	2	1	1	2	1	19
118 : *b*	Intestinal obstruction	5	4	5	3	8	3	5	7	3	3	3	4	53
119	Other diseases of the intestines	1	..	3	2	..	1	1	..	3	..	2	..	13
120	Acute yellow atrophy of the liver	..	..	2	..	..	..	..	..	2	..	..	..	4
121	Hydatid tumour of the liver	..	..	..	..	..	..	..	..	..	1	..	..	1
122	Cirrhosis of the liver	9	9	12	7	14	10	11	7	11	5	4	5	104
123	Biliary calculi	..	..	..	..	..	..	..	..	..	1	1	..	2
124 : *a*	Abscess of the liver	..	1	1	..	1	1	5	1	3	..	1	2	16
124 : *b*	Other diseases of the liver	10	11	13	2	7	4	11	7	9	6	10	7	97
125	Diseases of the pancreas	..	..	..	..	..	1	..	..	1	..	..	..	2
126	Peritonitis without stated cause	5	7	4	8	4	7	4	6	2	5	3	4	59
127	Other diseases of the digestive system	..	..	..	..	..	..	..	..	..	..	..	..	..
	VII—Non-Venereal Diseases of the Genito-Urinary System and Annexa.													
128	Acute nephritis (including unspecified under 10 years of age)	3	4	1	2	3	..	2	2	3	1	2	3	26
129	Chronic nephritis (including unspecified over 10 years of age)	19	11	15	17	15	25	11	14	14	18	19	17	195

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	VII—Non-Venereal Diseases of the Genito-Urinary System and Annexa—contd.													
130	Chyluria	..	—	..	..	..	..	..	..	..	..	..	..	..
131	Other diseases of the kidney and annexa	1	2	2	3	4	1	1	3	2	3	3	3	28
132	Calculi of the urinary passages	..	1	1	..	1	1	..	..	1	1	1	2	9
133 : 1	Cystitis	3	..	2	..	1	1	2	1	2	2	..	4	18
133 : 2	Other diseases of the bladder	1	..	..	1	..	..	..	..	..	..	1	1	4
134 : *a*	Stricture of the urethra ..	..	..	..	..	..	..	..	..	..	..	..	..	..
134 : *b*	Other diseases of the urethra..	1	..	..	..	..	..	..	..	1	..	..	..	2
135	Diseases of the prostate ..	..	..	1	..	..	2	4	..	2	..	..	..	9
136	Non-venereal diseases of the male genital organs ..	..	..	2	..	1	..	5	..	..	..	1	..	9
137	Cysts, and other tumour of the ovary not returned as malignant	..	..	1	..	2	..	..	..	1	..	..	..	4
138 : 1	Salpingitis	1	..	..	..	..	..	..	..	..	..	1	..	2
138 : 2	Pelvic abscess in females ..	1	..	1	..	..	..	..	..	..	1	1	..	4
139	Tumours of the uterus not returned as malignant ..	..	..	..	..	1	..	..	..	..	..	..	..	1
140	Non-puerperal uterine hæmorrhage	..	..	..	..	..	..	1	..	..	..	..	..	1
141	Other diseases of the female genital organs	..	..	..	..	..	..	..	..	..	..	1	..	1
142	Non-puerperal diseases of the breast	..	..	..	..	..	..	..	..	..	..	..	..	..
	VIII—The Puerperal State.													
143	Accidents of pregnancy ..	5	2	4	—	2	1	4	3	5	11	3	..	40
144	Puerperal hæmorrhage ..	1	4	3	3	3	1	3	2	1	1	4	..	26
145	Other accidents of child-birth	7	2	1	1	..	2	4	1	4	3	2	2	29
146	Puerperal sepsis	9	4	5	7	2	7	6	2	7	13	12	11	85
147 : 1	Puerperal phlegmasia alba dolens not returned as septic	..	..	..	..	..	..	..	1	..	..	..	..	1
147 : 2	Puerperal embolism and sudden death	..	2	..	1	1	..	..	..	1	2	1	..	8
148	Puerperal albuminuria and convulsions..	3	3	1	3	3	2	2	6	2	6	7	3	41
149	Child-birth not assignable to other headings (puerperal insanity)	..	..	..	..	..	..	..	..	1	1	1	1	4
150	Puerperal diseases of the breast	..	..	..	..	..	..	..	..	..	..	..	..	—

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	IX.—Diseases of the Skin and Cellular Tissue.													
151	Gangrene	..	3	4	..	2	1	2	3	3	2	1	3	24
152	Carbuncle, boil	..	1	1	1	2	..	..	1	..	..	1	..	7
153	Cellulitis, acute abscess ..	2	1	1	4	3	1	5	3	2	4	2	2	30
154	Other diseases of the skin and its annexa	2	1	1	1	1	1	2	..	..	2	..	1	12
	X—Diseases of the Bones and Organs of Locomotion.													
155 : 1	Acute infective osteomyelitis and periostitis ..	..	1	..	1	2	..	2	..	..	1	..	2	9
155 : 2	Other diseases of the bones.	..	2	..	1	..	1	..	..	..	..	..	1	5
156	Diseases of the joints ..	..	..	..	..	..	..	..	..	..	..	1	..	1
157	Amputations	..	..	..	1	..	..	..	..	..	..	..	..	1
158	Other diseases of the organs of locomotion	..	..	..	..	1	..	..	..	..	..	..	..	1
	XI—Congenital Malformations													
159	Congenital malformations ..	3	7	1	3	9	1	3	3	6	2	4	2	44
	XII.—Diseases of Early Infancy.													
160	Congenital debility, sclerema and icterus	189	166	189	163	142	168	150	176	199	237	153	229	2,161
161 : 1	Premature birth	77	56	63	45	51	42	64	81	85	79	78	76	797
161 : 2	Injury at birth	2	..	2	..	1	2	1	1	2	2	3	7	23
162 : 1	Diseases of the umbilicus ..	..	1	1	1	..	..	1	1	..	1	..	..	6
162 : 2	Atelectasis	6	7	3	7	3	10	6	7	8	10	5	7	79
162 : 3	Other diseases peculiar to early infancy	4	2	..	3	3	2	1	..	..	..	2	4	21
163	Lack of care	..	..	..	..	..	..	..	..	..	..	..	..	..
	XIII.—Old age.													
164 : 1	Senile dementia	..	..	..	..	..	..	..	..	..	..	..	..	..
164 : 2	Other forms of senile decay..	147	132	121	110	143	118	115	122	131	148	160	143	1,590
	XIV.—External Causes.													
	(*a*) *Suicide* 165-174.													
165, 166	By solid or liquid poisons and corrosive substances ..	1	2	7	6	11	12	10	7	10	6	7	7	86
167	By poisoning gas	..	..	..	..	..	..	..	..	..	..	..	..	..
168	By hanging or strangulation	1	1	..	..	2	..	..	..	..	..	..	2	6
169	By drowning	..	..	1	1	1	2	..	2	..	..	..	..	7
170	By firearms	..	..	..	..	..	..	..	..	..	2	..	..	2

Table No. 12—*contd.*

TABLE of DEATHS by Causes and Months in 1933—*contd.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	XIV.—External Causes—contd.													
	(*a*) *Suicide* 165-174.													
171	By cutting or piercing instruments	..	1	..	2	..	..	..	..	..	1	..	..	4
172	By jumping from high place	..	..	1	1	..	..	1	..	..	1	..	1	5
173	By crushing	1	..	..	1	..	2	..	..	..	1	..	..	5
174	By other means	..	1	..	3	..	2	1	..	..	..	2	1	10
	(*b*) *Violent deaths excluding suicide and homicide.* (175–196 ; 201–203).													
175	Food poisoning	..	1	1	..	..	1	1	..	1	..	1	..	6
176	Poisoning by venomous animals	..	..	..	..	..	..	..	..	..	..	..	..	..
177	Other acute accidental poisoning (not by gas) ..	..	2	..	1	..	1	1	..	1	2	1	1	10
178	Conflagration	..	..	..	..	..	..	..	..	1	..	..	..	1
179	Accidental burns (conflagration excepted)	13	7	4	9	6	11	7	7	11	7	8	8	98
180	Accidental mechanical suffocation	..	1	..	1	..	..	..	..	..	1	..	..	3
181	Accidental absorption of irrespirable or poisonous gas.	..	..	..	2	3	..	..	..	..	..	..	..	5
182	Accidental drowning	..	2	5	4	3	3	5	9	4	7	1	2	45
	(*c*) *Accidental injury.*													
183	By firearms	..	..	..	..	..	..	..	..	..	..	..	..	..
184	By cutting or piercing instruments	..	..	..	..	..	..	..	..	..	..	..	..	..
185	By fall	6	3	2	5	2	5	4	2	4	5	4	4	46
186	In mining and quarrying ..	..	..	..	..	1	..	..	..	..	..	..	..	1
187	By machinery	..	..	..	..	..	..	..	2	..	..	..	..	2
188	By other forms of crushing (road vehicles, on railways, etc.)	7	6	7	7	9	7	8	3	2	2	7	8	73
189	Injury by animals (poisoning by venomous animals excepted)	..	..	..	..	..	..	..	1	..	..	..	..	1
190	Wounds of War	..	..	..	..	..	..	..	..	..	..	..	..	..
191	Executions of civilians by belligerant armies ..	..	..	..	..	..	..	..	..	..	..	..	..	..
192	Hunger or thirst	2	2	6	1	2	1	..	2	1	3	3	1	24
193	Excessive cold	..	..	..	..	..	..	..	..	..	..	..	..	..
194	Excessive heat	..	..	..	1	..	3	..	..	..	..	..	..	4
195	Lightning	..	..	..	..	..	..	..	..	..	..	..	..	..
196	Electricity (lightning excepted)	..	..	2	..	..	1	..	1	..	1	..	..	5

Table No. 12—*concluded.*

TABLE of DEATHS by Causes and Months in 1935—*concluded.*

Classification No.	Specific Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	XIV—External Causes—contd.													
	(*d*) *Homicide* (197-199).													
197	By firearms	..	..	..	..	..	..	1	..	..	..	..	..	1
198	By cutting or piercing instruments	5	5	2	6	5	2	5	8	5	3	2	3	51
199	By other means	..	1	4	1	2	..	2	..	..	1	..	..	11
200	Infanticide (under 1 year) ..	..	2	..	2	2	..	1	1	3	..	1	..	12
201	Fracture (cause not specified)..	8	4	7	4	6	13	6	3	4	6	11	5	77
202 : 1	Execution	..	..	..	..	..	..	..	..	..	..	..	..	..
202 : 2	Other and unstated forms of accidental violence ..	5	..	10	5	3	7	2	2	12	8	3	4	61
203	Violent deaths of unstated nature	4	2	2	2	4	2	2	1	2	2	3	2	28
	XV—Ill-defined diseases.													
204	Sudden death..	..	1	..	..	..	..	..	..	..	1	..	..	2
205 : 1	Heart-failure (age 1-70) ..	26	23	24	13	34	22	23	22	16	20	15	26	244
205 : 2 : *a*	Fever not defined	9	7	19	19	10	12	17	10	16	14	10	10	153
205 : 2 : *b*	Other ill-defined causes ..	8	13	14	13	16	12	8	12	6	7	14	8	131
205 : 3	Cause not specified	1	2	3	1	2	1	2	1	1	3	1	2	20

13

TABLE of DEATHS among Infants by Causes, Months and Ages in 1933.

Cause of Deaths.	Total.	Months.												Ages.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 to 4 weeks.	4 weeks to 6 months.	6 to 12 months.
5 A & B Malaria	9	...	...	...	2	...	1	2	...	...	1	1	2	...	1	3	6
5c Ague and Remittent Fever ...	128	15	8	7	10	15	12	14	8	11	12	14	2	...	...	51	77
6 Small-pox	717	88	229	221	100	50	20	5	...	...	...	2	2	...	17	313	387
7 Measles	18	...	2	7	3	1	...	...	1	...	...	2	2	...	...	3	15
8 Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Whooping Cough	7	...	1	1	2	...	1	1	...	...	1	...	...	...	...	5	2
10 Diphtheria and Croup	4	...	...	...	...	...	...	2	...	...	1	...	1	...	...	1	3
11 Influenza	10	...	...	...	2	...	...	2	...	1	2	2	1	..	1	2	7
14 Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 Dysentery	19	3	1	2	2	...	1	3	4	1	1	...	1	...	1	4	14
17 Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24 Meningococcal Meningitis ...	1	...	...	...	1	...	...	...	...	..	...	..	...	...	...	1	...
31 Phthisis (Pulmonary Tuberculosis)	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	2
32-37 Other Tuberculosis Diseases ...	5	1	...	2	...	...	1	...	...	..	..	1	...	...	...	1	4
38 Syphilis	15	4	1	...	1	4	...	...	...	...	4	...	1	2	1	9	3
56 Rickets	180	8	19	14	19	12	14	27	14	11	16	17	9	1	3	35	141
80 Convulsions	594	43	57	52	50	43	42	47	41	56	61	47	55	118	122	247	107
99 Bronchitis	125	11	3	15	14	9	18	9	4	9	20	7	6	3	4	47	71
100-101 Pneumonia (all forms) ...	2,689	172	195	231	225	232	239	286	223	244	274	206	162	18	59	906	1,706
112-1 Gastritis	4	...	...	1	...	1	...	...	...	...	2	...	...	2	...	2	...
113-114 Diarrhœa and Enteritis ...	414	21	18	32	29	36	47	45	35	45	38	36	33	24	98	145	147
159-3 Congenital Malformation ...	8	1	...	...	1	...	1	...	2	...	...	3	...	4	1	...	3
161-1 Premature Birth	796	77	55	63	45	51	42	64	81	85	79	78	76	637	149	7	3
160-1 Atrophy, Debility and Marasmus	2,223	194	174	192	165	150	170	152	180	207	241	160	238	767	834	511	111
162-2 Atelectasis	29	2	1	1	1	...	3	2	3	3	3	3	7	28	1	..	...
180 Suffocation Over-Lying ...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
205-2A Fever not defined	39	2	1	7	7	2	4	5	2	4	3	...	2	2	4	14	19
Other Causes	284	27	22	19	36	26	21	28	18	35	27	19	16	93	42	62	87
Total ...	8,320	669	787	867	715	633	637	394	616	702	786	598	616	1,699	1,338	2,368	2,915

14

TABLE of DEATHS by Causes of deaths by

No. in Short List.	Corresponding No. in detailed List.	Causes of Deaths. Castes. Sex.	Jains. Male.	Jains. Female	Brahmins. Male.	Brahmins. Female	Lingait. Male.	Lingait. Female	Bhatias. Male.	Bhatias. Female	Banias. Male.	Banias. Female	Hindus of other Caste. Male.	Hindus of other Caste. Female	Hindus, Low Caste. Male.	Hindus, Low Caste. Female
1	1	Enteric Fever	9	2	23	16	1	...	4	...	9	4	61	33	2	2
2	6	Small-pox	15	17	84	83	51	48	2	4	19	23	887	704	149	177
3	7	Measles	...	1	1	4	...	1	...	1	2	3	17	16	16	9
4	8	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	9	Whooping Cough	...	...	1	1	...	...	...	...	...	1	3	3	...	...
6	10	Diphtheria	2	1	...	3	...	...	1	...	...	1	7	6	...	...
7	11	Influenza	2	1	7	2	...	...	1	...	1	1	20	9	...	...
8	23	Encephalitis Lethargica	...	...	1	...	...	...	...	...	...	...	...	...	...	...
6	24	Meningococcal Meningitis	...	...	...	...	...	...	...	...	...	...	5	3	...	...
10	31	Tuberculosis of Respiratory System.	4	4	24	34	3	8	1	4	12	18	344	245	36	46
11	32–37	Other Tuberculous Diseases	1	3	3	19	...	...	1	3	1	8	42	38	7	9
12	48–49	Cancer, Malignant Disease	3	2	15	11	...	1	3	...	7	3	43	20	7	2
13	51	Rheumatic Fever	...	...	2	...	...	...	..	...	...	1	2	1	1	...
14	57	Diabetes	3	...	9	2	...	1	1	1	1	...	7	2	...	...
15	74, 75*a*	Cerebral Hæmorrhage	1	1	11	6	...	...	3	1	3	6	40	18	1	2
16	87–90	Heart Disease	7	...	26	5	2	...	2	...	11	2	80	16	8	1
17	91*b*	Arterio-Sclerosis	...	...	...	...	...	...	...	...	...	...	...	1	...	...
18	99	Bronchitis	7	3	10	16	2	4	2	...	7	7	186	151	72	52
19	100–101	Pneumonia (all forms)	94	66	260	212	49	57	19	9	151	113	1,926	1,588	633	555
20	97,98,102-107	Other Respiratory Diseases	2	2	24	16	5	3	...	...	14	8	259	162	59	60
21	111	Ulcer of Stomach Duodenum	1	...	1	...	...	...	...	...	1	...	7	2	...	...
22	113–114	Diarrhœa and Enteritis	7	6	24	27	1	2	3	2	8	13	167	130	59	47
23	117	Appendicitis	1	...	1	...	...	...	...	...	...	...	7	2	...	...
24	122	Cirrhosis of Liver	1	1	12	4	...	...	...	...	2	...	38	25	2	2
25	128–129	Acute and Chronic Nephritis	6	2	11	6	...	...	3	...	6	1	44	27	3	3
26	146	Puerperal Sepsis	...	...	...	2	...	3	...	2	...	6	...	42	...	6
27	143-145,147-150	Other Accidents and Diseases of Pregnancy and Parturition.	...	7	...	16	...	1	...	1	...	7	...	59	...	9
28	159–161	Congenital Debility and Malformation, Premature Birth.	16	11	96	64	34	22	3	4	39	23	814	625	283	226
29	165–174	Suicide	3	1	15	2	2	...	...	..	4	...	50	12	5	2
30	175–203	Other Deaths from Violence	5	3	12	8	4	1	...	...	9	8	219	75	34	9
31	17	A. Plague	2	2	2	...	1	...	...	...	2	...	15	4	5	1
	24*a*	B. Kala-Azar	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	5*a*& *b*	C. Malaria	...	1	2	1	...	1	1	...	4	2	18	15	1	1
	5*c*	CC. Ague and Remittent Fever.	6	6	16	19	11	8	2	...	6	7	291	293	148	146
	3	D. Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	205 : 2*a*	E. Fever not defined	6	3	9	7	...	...	2	...	1	1	32	22	16	9
	14	F. Cholera	...	...	2	3	...	...	...	...	...	...	7	2	...	...
	16	G. Dysentery	2	2	11	4	...	1	...	...	1	3	69	46	11	16
	20	H. Leprosy	..	...	...	...	..	...	...	...	...	...	17	7	...	...
		K. Other defined Diseases	64	50	215	192	18	30	11	33	96	92	1,080	1,176	249	320
32	204–205	Causes ill-defined or unknown	7	5	24	7	...	...	1	1	15	4	104	42	11	15
		Still-born	*16*	*9*	*79*	*78*	*8*	*7*	*14*	*5*	*51*	*32*	*612*	*478*	*172*	*129*
		Total. Males	277		954		184		66		432		6,908		1,818	
		Total. Females		202		802		192		66		366		5,622		1,727

Sex and Caste in 1933.

Mussulmans.		Parsees.		Jews.		Indian Christians.		Anglo-Indians.		Europeans.		Buddhist.		Other and unknown Castes.		All Races.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
16	10	9	3	3	3	12	14	2	...	2	...	1	...	...	...	154	87	241
175	118	4	8	2	1	51	33	...	...	2	...	1	1	...	...	1,442	1,217	2,659
4	2	1	2	1	...	4	1	...	...	...	...	...	...	...	...	46	40	86
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	8	6	14
6	...	...	1	...	...	3	2	...	...	...	...	...	...	...	...	19	14	33
6	4	7	1	...	1	7	5	...	...	1	...	...	...	...	...	52	24	76
...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2	2	4
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6	3	9
230	228	10	8	3	5	59	43	1	2	...	...	2	1	...	1	729	647	1,376
25	31	...	4	...	...	12	9	...	...	2	1	...	...	...	...	94	124	218
31	11	8	26	2	1	12	11	4	2	1	1	1	...	...	...	137	91	228
1	3	2	2	...	...	...	...	...	...	..	...	...	...	...	...	8	7	15
11	5	10	13	1	...	4	1	1	...	...	...	...	...	...	...	48	25	73
26	15	22	15	4	3	16	12	...	...	1	1	...	...	...	...	128	80	208
45	16	38	16	1	4	25	16	3	4	5	5	1	...	...	...	254	85	339
2	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	4	1	5
102	52	2	1	2	2	9	9	...	2	...	...	...	...	...	...	401	299	700
734	595	50	52	20	8	115	92	7	7	6	2	5	1	2	...	4,071	3,357	7,428
210	103	9	6	3	5	10	10	2	1	1	...	...	...	...	...	598	376	974
3	2	2	...	...	...	...	...	...	...	2	...	1	...	...	...	18	4	22
64	45	19	24	4	2	61	78	4	6	...	1	...	...	1	...	422	383	805
6	...	3	1	...	...	4	...	1	...	...	...	...	...	...	...	23	3	26
3	4	2	...	...	...	6	1	...	...	...	1	...	...	...	...	66	38	104
25	23	21	19	1	...	8	7	1	1	2	1	...	...	...	...	131	90	221
...	19	...	...	...	1	...	1	...	...	...	...	...	...	..	...	...	85	85
...	2	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	149	149
259	213	26	14	8	11	109	113	6	...	1	2	2	1	...	...	1,696	1,329	3,025
13	3	9	1	...	...	1	...	...	1	1	...	...	...	...	...	103	22	125
87	22	15	2	1	...	20	4	...	1	4	...	...	...	6	6	416	149	565
12	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	41	7	48
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	6	3	1	...	...	4	1	...	1	1	1	...	...	...	...	40	31	71
97	114	...	1	1	4	4	12	...	...	...	...	...	...	...	...	582	610	1,192
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	7	5	2	2	...	10	5	1	...	...	...	...	...	...	...	97	56	153
...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	...	10	7	17
21	13	6	5	...	2	12	4	...	1	...	...	...	...	...	...	133	97	230
3	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	21	10	31
538	545	100	110	12	15	128	110	8	7	13	6	2	1	1	...	2,535	2,687	5,222
60	19	26	12	...	...	20	15	3	1	1	1	...	1	2	...	274	123	397
223	*204*	*35*	*33*	*10*	*4*	*52*	*62*	*2*	*4*	...	*1*	*3*	...	*11*	*11*	*1,281*	*1,057*	*2,338*
2,836		411		71		732		45		45		18		12		14,809		
	2,258		361		70		624		38		23		6		7		12,365	27,174

TABLE showing by Race the Rate of Mortality per 1,000 of Population from different Causes of Deaths in 1933.

Race or Caste.	Small-pox.	Measles.	Plague.	Scarlet Fever.	Kala-Azar.	Enteric Fever.	Malaria.	Ague and Remittent Fever.	Relapsing Fever.	Influenza.	Cholera.	Diarrhœa and Enteritis	Dysentery.	Tuberculous Diseases.	Respiratory Diseases.	Accidents.	All other Causes.	Total.
Hindus, Low Caste	3·1	0·2	0·05	.....	.....	0·03	0·01	2·8	.....	.....	.....	1·02	0·3	0·9	13·8	0·5	11·4	34·3
Hindus of all other Castes ...	2·8	0·06	0·04	.....	.....	0·2	0·06	0·9	.....	0·06	0·02	0·5	0·2	1·2	7·8	0.6	8·4	23·0
Hindus, all Caste	2·8	0·1	0·04	.....	.....	0.2	0·05	1·2	.....	0·05	0·01	0·6	0·2	1·1	8.5	0.6	8·8	24·5
Mussalmans	1·4	0·02	0·05	.....	.....	0·1	0·05	1·0	.....	0·04	.....	0·5	0·2	2·4	8·6	0·6	9·3	24·3
Parsees	0·2	0·05	.....	.....	.....	0·2	0·06	0·01	.....	0·1	0·01	0·7	0·2	0·4	2·1	0·5	8·8	13·4
Jews	0·3	0·1	.....	.....	.....	0·7	.....	0·6	.....	0·1	.....	0·7	0·2	0·9	4·6	0·1	7·9	16·3
Christians	1·3	0·1	0·03	.....	.....	0·4	0·1	0·2	.....	0·2	.....	2·2	0·2	1·9	3·8	0·4	10·2	21·1
Anglo-Indians	... ..	... ..	.....	.....	.....	0·3	0·1	.....	.....	.....	.....	1·4	0·1	0·4	2·7	0·3	6·4	11·8
Europeans	0·2	.....	.....	.....	.....	0·2	0·2	.....	.....	0·1	0·2	0·1	.....	.....	0·9	0·5	4·7	7·2
Buddhists	1·2	.....	.....	.....	.....	0·6	.....	.....	.....	.....	...	.....	.....	3·1	3·7	.....	6·1	14·7
Other and Unknown Caste ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·9	...	0·9	1·8	10·8	2·7	17·1
TOTAL ...	2·3	0·1	0·04	.....	.....	0·2	0·06	1·02	.....	0·06	0·01	0·7	0·2	1·4	7·8	0·6	8·9	23·4

Table

Deaths in different Hospitals from Principal Causes in

Serial No.	HOSPITALS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Enteric Fever (1).	Small-pox (6).	Measles (7).	Scarlet Fever (8).	Whooping Cough (9).	Diphtheria and Croup (10).	Influenza (11).	Encephalitis Lethargica (23).	Meningococcal Meningitis (24).	Tuberculosis of Respiratory System (31)	Other Tuberculous Diseases (32-37).	Cancer, Malignant Disease (43-49).	Rheumatic Fever (51).	Diabetes (57).	Cerebral Haemorrhage (74,75a).	Heart Disease (87-90).	Arterio-Sclerosis (91b).	Bronchitis (99).	Pneumonia (all forms) (100—101).	Other Respiratory Diseases (97, 98, 102-107).
1	Adams Wylie Memorial Hospital.	1	...	...	...	...	...	2	...	...	21	2	...	...	...	...	2	...	11	11	...
2	Albless Cama Hospital ...	6	2	...	...	...	...	1	1	1	4	5	5	...	...	...	5	...	...	19	1
3	Arthur Road Hospital ...	2	417	7	...	1	25	2	...	2	...	...	...	...	...	...	...	...	...	7	...
4	Bai Motlabai & Sir D. M. Petit Hospital.	...	...	...	...	...	...	...	...	...	2	1	...	...	...	1	1	...	1	5	...
5	Batia General Hospital ..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
6	Bai Jerbai Wadia Hospital for Children.	6	...	...	...	1	1	...	...	...	8	15	...	...	...	...	1	...	1	57	5
7	B. D. Petit Parsee General Hospital.	3	...	...	...	...	1	1	...	...	5	2	8	1	5	7	6	1	..	14	5
8	Byramji Jijeebhoy Hospital for Children.	3	1	...	...	1	...	...	...	...	5	6	1	...	...	...	...	...	...	53	5
9	Colaba Station Hospital (Military).	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	1	3	1
10	Goculdas Tejpal Hospital ...	12	1	...	...	...	1	2	...	...	84	22	13	...	1	10	24	...	4	64	13
11	Sir J. J. Hospital	19	...	...	...	...	...	2	...	1	148	38	35	3	4	29	22	2	26	111	41
12	Bai Yamunabai L. Nair Hospital.	15	...	...	...	...	...	...	...	...	6	3	3	1	2	3	2	...	2	30	8
13	King Edward VII Memorial Hospital.	48	...	...	...	...	...	...	1	2	27	27	47	...	9	11	38	1	17	152	19
14	Matunga Leper Asylum ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	...	...	...	...
15	Maratha Hospital	...	...	1	...	...	...	...	...	...	356	1	...	...	...	...	...	...	5	1	...
16	Marine Lines Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Municipal Maternity Homes..	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
18	Other Private Maternity Hospital.	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2	3	2
19	Masina Hospital	2	...	...	...	...	...	...	...	...	1	...	...	...	1	2	...	...	...	3	1
20	Nowroji Wadia Maternity Hospital.	2	...	...	...	...	...	1	...	...	3	...	2	...	...	1	...	...	1	24	3
21	Parsee Lying-in Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Police Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
23	Sir Harkisondas Narottamdas	5	...	...	...	...	...	...	...	...	...	4	...	1	1	2	1	...	...	16	1
24	St. Joseph's Foundling Home	...	...	...	...	...	...	..	...	...	1	...	...	...	...	...	...	...	...	1	...
25	St. George's Hospital	6	...	...	...	...	1	...	...	...	3	1	4	...	1	3	6	1	...	7	...
26	Other Private Hospitals ...	2	...	...	...	...	...	1	...	...	1	2	2	...	4	1	...	...	...	11	1
	Total ...	133	422	8	...	3	29	13	2	7	676	130	120	6	29	70	110	5	72	595	106

No. 16.

he City of Bombay for the year 1933.

21	22	23	24	25	26	27	28	29	30	31										32		
										Other defined diseases.												
Ulcer of Stomach or Duodenum (111).	Diarrhoea and Enteritis (113—114).	Appendicitis (117).	Cirrhosis of Liver (122).	Acute & Chronic Nephritis (128, 129).	Puerperal Sepsis (146).	Other accidents and Diseases of Pregnancy and Parturition (143, 145, 147-150).	Congenital Debility and Malformation Premature Birth (159-161).	Suicide (165-174).	Other Deaths, from Violence (175-203).	A	B	C	C C	D	E	F	G	H	K	Causes ill-defined or unknown (204, 205).	Still-born.	Total.
										Plague (17).	Kala Azar (25·3).	Malaria (6 a & b).	Ague and Remittent Fever (6 c).	Relapsing Fever (3).	Fever not defined (205·2a).	Cholera (14).	Dysentery (16).	Leprosy (20).	Other Defined Diseases			
1	13	...	1	5	1	...	2	...	1	...	...	...	2	...	2	...	3	...	5	1	*3*	87
...	20	...	...	2	3	29	168	1	...	...	...	1	..	...	1	...	...	...	55	2	*249*	332
...	6	1	...	1	1	...	6	...	1	10	...	...	1	...	...	6	1	...	5	...	*3*	502
1	1	...	...	1	8	6	69	...	...	...	...	1	...	...	...	...	...	...	19	11	*118*	128
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3
...	25	...	2	...	...	...	30	...	...	...	...	1	...	...	7	...	6	...	65	9	...	240
...	5	...	...	13	...	...	3	1	3	...	...	1	...	...	...	...	...	...	23	2	*5*	110
...	16	...	3	3	...	...	9	1	...	...	...	...	...	...	...	...	5	...	30	4	...	146
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	*1*	14
1	6	2	4	7	...	...	3	...	...	...	...	2	...	...	...	...	8	...	75	1	*2*	360
2	24	6	3	18	...	...	1	...	2	1	...	5	...	...	...	1	13	1	227	60	...	845
1	2	1	1	1	2	...	3	...	...	1	...	1	1	...	1	..	1	...	31	8	*8*	130
1	18	4	20	28	1	1	5	1	10	...	...	5	1	...	4	...	25	1	279	46	*1*	849
..	1	...	...	...	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	*1*	3
..	...	...	...	...	...	...	1	...	...	18	...	...	...	...	...	...	1	...	1	...	...	385
...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	1	...	1	...	*4*	4
...	6	...	...	...	...	3	95	...	...	...	...	...	...	...	...	...	...	...	35	1	*123*	142
...	6	...	1	1	3	14	107	...	...	...	...	...	...	...	3	...	...	...	48	6	*239*	198
...	2	...	..	...	...	3	9	...	...	...	...	..	...	...	...	...	...	...	8	...	*17*	32
...	35	1	...	...	4	27	193	...	...	...	...	2	...	...	1	...	2	...	58	4	*399*	364
...	...	...	...	...	...	1	9	...	...	...	...	...	...	...	..	...	...	...	5	...	*6*	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	*3*	6
...	1	...	...	5	1	1	6	...	...	...	...	...	...	...	1	...	...	...	21	7	*9*	74
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	6
...	...	...	...	2	...	...	3	...	...	...	...	1	...	...	1	...	1	...	13	...	*6*	54
1	3	1	1	3	...	1	16	...	1	...	...	1	...	...	...	...	1	...	27	3	*8*	84
9	191	16	36	90	24	86	742	4	18	30	...	21	5	...	21	7	68	2	1,041	166	*1,205*	5,113

TABLE of DEATHS by Age, Sex and Cause in 1933.

AGE.	1		2		3		4		5		6		7		8		9		10	
	Enteric Fever.		Small-pox.		Measles.		Scarlet Fever.		Whooping Cough.		Diphtheria.		Influenza.		Encephalitis Lethargica.		Meningococcal Meningitis		Tuberculosis of Respiratory System.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 to 4 weeks	...	...	5	12	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
4 weeks to 6 months	...	...	153	160	...	3	...	...	2	3	1	...	1	1	...	...	1	...	...	...
6 months to 12 months	1	1	182	205	7	8	...	...	2	...	1	2	5	2	...	...	...	...	1	1
Total under 1 year ...	1	1	340	377	7	11	...	...	4	3	2	2	6	4	...	...	1	...	1	1
1 to 2 years	1	3	176	208	17	15	...	...	1	2	8	2	2	1	...	1	...	...	4	3
2 to 5 „	7	6	217	255	14	8	...	...	2	1	6	5	5	2	...	...	1	...	2	4
5 to 10 „	10	8	129	123	5	5	...	...	...	...	2	4	1	1	...	...	...	...	4	10
10 to 15 „	9	7	44	32	...	...	...	...	1	...	...	...	1	1	...	...	1	...	5	28
15 to 20 „	19	14	94	62	...	...	...	...	...	...	...	...	...	1	...	...	...	...	31	67
20 to 30 „	45	29	309	105	2	1	...	...	...	...	...	1	12	1	1	1	3	2	191	269
30 to 40 „	34	9	101	33	1	...	...	...	...	...	...	...	7	4	...	..	...	...	245	173
40 to 50 „	14	6	18	11	...	...	...	...	...	...	...	...	5	2	1	1	...	1	146	61
50 to 60 „	9	3	10	8	...	...	...	...	...	...	1	...	4	4	...	...	...	...	68	16
60 and over	5	1	4	3	...	...	...	...	...	...	...	...	9	3	...	...	...	...	31	15
Age Unspecified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
ALL AGES. Males	154	...	1442	...	46	...	...	...	8	...	19	...	52	...	2	...	6	...	729	...
ALL AGES. Females	...	87	...	1217	...	40	...	...	...	6	...	14	...	24	...	2	...	3	...	647
ALL AGES. Persons	241		2659		86		...		14		33		76		4		9		1,376	

17—*continued.*

TABLE of DEATHS by Age, Sex and Cause in 1933—*continued.*

AGE.	11		12		13		14		15		16		17		18		19		20		21	
	Other Tuberculous Diseases.		Cancer, Malignant Disease.		Rheumatic Fever.		Diabetes.		Cerebral Haemorrhage.		Heart Disease.		Arterio-Sclerosis.		Bronchitis.		Pneumonia (all forms).		Other Respiratory Diseases.		Ulcer of Stomach or Duodenum.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	2	8	10	...	3	...	...
to 4 weeks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	37	22	...	1	...	...
4 weeks to 6 months	...	1	...	...	...	...	...	...	...	...	...	...	...	...	25	22	505	401	...	4	...	...
6 months to 12 months	2	2	1	...	...	...	...	...	...	...	...	1	...	...	33	38	880	826	3	3	...	...
Total under 1 year	2	3	1	...	...	...	...	...	1	1	...	1	...	...	60	65	1,430	1,259	3	11	...	...
1 to 2 years	3	4	...	...	...	...	...	...	1	...	...	..	...	...	30	34	706	738	1	3	...	...
2 to 5 „	6	8	2	1	..	...	...	...	...	...	...	...	...	...	25	24	420	458	2	7	...	...
5 to 10 „	8	4	...	1	1	...	...	1	...	1	...	1	...	...	5	9	118	172	...	2	...	...
10 to 15 „	2	11	...	1	2	1	1	...	1	...	1	2	...	...	1	7	49	80	3	1	...	...
15 to 20 „	1	12	...	4	3	...	2	1	1	1	4	4	...	...	4	4	103	77	2	1	1	...
20 to 30 „	22	41	8	3	...	3	1	2	3	2	24	14	...	...	26	14	338	207	21	16	...	2
30 to 40 „	20	21	18	13	...	1	4	1	14	8	49	12	...	...	44	17	344	125	46	32	7	1
40 to 50 „	17	12	39	22	1	1	11	5	25	12	62	13	1	...	55	44	250	85	129	59	3	1
50 to 60 „	5	7	43	28	1	1	19	5	26	19	50	9	2	...	70	43	182	62	199	109	4	...
60 and over	8	1	26	18	...	...	10	10	56	36	64	29	1	1	81	38	131	94	192	135	3	...
Age Unspecified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ALL AGES. Males	94	...	137	...	8	...	48	...	128	...	254	...	4	...	401	...	4,071	...	598	...	18	...
ALL AGES. Females	...	124	...	91	...	7	...	25	...	80	...	85	...	1	...	299	...	3,357	...	376	...	4
ALL AGES. Persons	218		228		15		73		208		339		5		700		7,428		974		22	

17—*continued.*

TABLE of DEATHS by Age, Sex and Cause in 1933—*continued.*

AGE.	22		23		24		25		26		27		28		29		30		31					
	Diarrhoea and Enteritis.		Appendicitis.		Cirrhosis of Liver.		Acute and Chronic Nephritis.		Puerperal Sepsis.		Other Accidents and Diseases of Pregnancy and Parturition		Congenital Debility and Malformation, Premature Birth.		Suicide.		Other Deaths from Violence		OTHER DEFINED DISEASES. A Plague.		B Kala Azar.		C Malaria.	
	Males.	Females.	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 7 days	15	9	...	...	...	...	...	...	...	...	...	...	813	591	...	...	6	6	...	...	...	...	...	...
1 to 4 weeks	48	50	...	...	...	...	2	...	...	...	...	...	547	436	...	...	...	...	...	...	...	...	1	...
4 weeks to 6 months ...	67	78	...	...	...	1	...	1	...	...	...	...	283	235	...	...	2	2	...	...	...	...	...	2
6 months to 12 months	84	63	...	...	...	1	1	1	...	...	...	...	51	63	...	...	3	2	...	...	...	...	4	2
Total under 1 year	214	200	...	...	...	2	3	2	...	...	...	...	1,694	1,325	...	...	11	10	...	...	...	...	5	4
1 to 2 years	53	67	...	...	10	9	1	...	...	...	...	...	2	2	...	...	6	5	...	...	...	...	2	2
2 to 5 ,, ...	27	28	...	...	13	10	7	6	...	...	...	...	...	2	...	...	14	10	...	...	...	...	2	4
5 to 10 ,, ...	2	3	...	...	2	2	2	...	...	...	...	...		...	1	...	24	9	2	1	...	...	4	1
10 to 15 ,, ...	...	2	...	...	1	1	5	2	...	...	...	...	...	...	...	...	20	7	2	...	...	...	1	1
15 to 20 ,, ...	7	5	3	...	...	1	3	2	...	11	...	14	...	...	7	1	22	16	5	1	...	...	3	4
20 to 30 ,, ...	21	18	10	...	6	2	8	13	...	55	...	81	...	...	39	13	110	29	18	1	...	...	10	6
30 to 40 ,, ...	27	12	4	2	13	1	23	14	...	16	...	49	...	...	34	8	100	14	9	3	...	...	5	5
40 to 50 ,, ...	19	7	4	...	13	4	16	16	...	3	...	5	...	...	9	...	52	12	5	1	...	...	3	3
50 to 60 ,, ...	20	14	2	1	4	3	27	12	...	...	...	...	...	...	11	...	30	16	...	...	...	...	3	1
60 and over	32	27	...	...	4	3	36	28	...	...	...	...	...	...	2	...	26	21	...	...	...	...	2	...
Age Unspecified..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
ALL AGES Males ...	422	...	23	...	66	...	131	...	...	...	...	...	1,696	...	103	...	416	...	41	...	...	...	40	...
ALL AGES Females ...	...	383	...	3	...	38	...	90	...	85	...	149	...	1,329	...	22	...	149	...	7	...	...	...	31
ALL AGES Persons ...	805		26		104		221		85		149		3,025		125		565		48		...		71	

TABLE of DEATHS by Age, Sex and Cause in 1933—*concluded.*

AGE.	31—*concld.* OTHER DEFINED DISEASES—*concld.*												32			
	CC Ague and Remittent Fever.		D Relapsing Fever.		E Fever not defined.		F Cholera.		G Dysentery.		H Leprosy.		K Other defined Diseases.		Causes Ill-defined or unknown.		All Causes.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 7 days	...	...	...	...	2	...	...	...	...	...	...	...	145	85	1	...	992	707
1 to 4 weeks	...	...	...	...	3	1	...	...	1	...	...	...	90	77	...	...	735	603
4 weeks to 6 months	29	22	...	...	11	3	...	...	3	1	..	...	205	137	3	...	1,291	1,077
6 months to 12 months	38	39	...	...	10	9	...	...	11	3	...	...	165	157	...	1	1,485	1,430
Total under 1 year	67	61	...	...	26	13	...	...	15	4	...	...	605	456	4	1	4,503	3,817
1 to 2 years	31	35	...	...	13	14	...	...	13	13	...	...	160	173	17	15	1,258	1,348
2 to 5 „	39	52	...	...	7	1	...	...	12	18	...	...	151	159	7	7	988	1,076
5 to 10 „	26	31	...	...	7	3	...	1	2	15	...	...	57	54	7	2	419	464
10 to 15 „	17	31	...	...	6	3	...	...	3	1	...	...	25	39	1	...	202	258
15 to 20 „	35	53	...	...	4	8	...	1	3	1	...	...	47	96	3	2	407	464
20 to 30 „	105	141	...	...	10	4	1	1	20	10	5	1	186	330	21	17	1,576	1,435
30 to 40 „	120	101	...	...	7	4	4	1	26	10	6	4	210	253	47	20	1,569	967
40 to 50 „	81	59	...	...	4	...	1	...	23	4	7	4	154	131	64	23	1,232	608
50 to 60 „	47	38	...	...	3	5	...	2	9	9	2	1	153	80	54	20	1,058	517
60 and over	14	8	...	...	10	1	4	1	7	12	1	...	786	916	49	16	1,594	1,411
Age Unspecified	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	...	3	...
ALL AGES Males	582	...	...	...	97	...	10		133	...	21	...	2,535	...	274	...	14,809	...
ALL AGES Females	...	610	..	...	...	56	...	7	...	97	...	10	...	2,687	...	123		12,365
ALL AGES Persons	1,192		..		153		17		230		31		5,222		397		27,174	

18

TABLE of DEATHS by CAUSES and

Number of		Nature of Occupation.	CAUSES OF															
			1-205	31	43-49	51	52 (3)	57	66	67 (1)	70-86	90 (1-4)	91A.	87-96*	97-107	118	120-124	108-127*
Order.	Groups.		All Causes.	Tuberculosis of Respiratory System.	Cancer Malignant Disease.	Rheumatic Fever.	Gout.	Diabetes.	Alcoholism.	Plumbism (Lead Poisoning).	Disease of the Nervous system.	Valvular Disease of the Heart.	Aneurism.	Other Diseases of the Circulatory System.*	Disease of the Respiratory System.	Hernia.	Disease of the Liver.	Other Diseases of the Digestive System.*
		PRODUCTION OF RAW MATERIALS—CLASS A (I & II).																
1	1-16	Pasture, Agriculture, Farm labourers, &c.	150	6	6	..	..	1	..	..	2	1	..	6	37	..	2	10
2	17-18	Fishing and hunting	38	..	2	..	..	..	..	..	2	..	..	..	7	..	..	3
3	19-21	Mines, *metallic* minerals, coal, &c., and Petroleum wells.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	22	Quarries of hard rocks	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	23-24	Salt works, extraction of saltpetre, alum, &c.	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
		III.—INDUSTRY.																
6	25-27	Textiles, cotton mills, workers in cotton.	299	18	..	.	..	..	..	..	2	3	.	..	120	..	..	2
	28	Jute spinning, weaving, &c.	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
	29-30	Rope, twine, and string making, workers in other fibres.	5	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1
	31-33	Woollen mills, blankets, carpets, &c...	1	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..
	34-36	Workers in silk and hair (camel, horse, &c.)	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..
	37	Dyeing, bleaching, calico printing, &c.	10	2	..	..	..	..	..	..	1	..	..	..	5	..	..	..
	38	Other textiles and millhands, weavers, &c., insufficiently described.	566	44	2	..	.	2	..	..	9	1	..	5	201	1	6	16
7	39-42	Furriers, workers in leather, bone, &c.	29	3	1	..	..	..	..	..	..	..	..	1	17	.	..	..
8	43-45	Sawyers, carpenters, basket makers, &c.	126	16	2	..	..	..	..	..	8	..	..	3	41	..	2	4
9	46-48	Workers in iron, makers of guns, &c.	47	3	1	..	..	..	..	..	3	..	..	1	16	1	..	1
	49	Workers in brass, copper and bell metal.	20	5	1	..	..	..	..	..	..	..	1	..	5	..	..	..
	50	Workers in lead, quicksilver and other metals.	27	6	..	..	..	..	..	..	2	..	..	1	10	..	..	1
	51	Workers in mints, die-sinkers, &c. .	4	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..
10	52-57	Workers in ceramics, glass, pottery, porcelain, bricks, &c.	7	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..
11	58	Making of matches and explosives .	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	59	Making of aerated waters and ice ..	7	1	..	..	..	..	..	..	.	..	..	..	1	..	1	..
	60	Making of dyes, paints and ink ..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
	61-62	Making, refining vegetable and mineral oils.	2	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	63	Making of paper, papier mache, &c. ..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
	64	Making of soap, candles, perfumes, drugs.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
12	65-72	Bakers, butchers, fish curers, flour-grinders, makers of other food.	36	2	1	..	..	..	..	..	..	..	..	1	14	..	..	1
	73-74	Brewers, distillers, toddy drawers ..	21	..	..	..	..	..	..	..	1	..	1	2	8	..	..	..
	75	Making of tobacco, opium and ganja.	91	13	..	..	..	1	..	..	..	..	..	1	29	..	1	2
13	76-79	Tailors, &c., makers of umbrellas, boots, hats and other articles of dress.	133	15	2	..	..	1	..	..	4	1	..	2	51	..	1	5
	80	Washing, cleaning and dyeing clothes.	78	8	..	..	..	..	..	..	3	1	1	..	28	..	..	2
	81-82	Barbers and other industries connected with the toilet.	48	5	..	..	..	..	..	..	3	..	..	..	12	..	1	2
14	83-84	Furniture, cabinet, tent-makers, carriage painters, upholsterers, &c.	16	1	..	..	..	..	..	..	1	..	..	..	6	..	1	..
15	85-88	Building industries, lime burners, excavators, stone cutters, &c.	33	6	..	..	..	..	..	..	..	..	..	2	13	..	1	1
	89	House decorators, builders, painters, plumbers, tilers, &c.	39	8	..	..	..	..	..	..	3	..	..	2	10	..	1	2
16	90-92	Makers of vehicles, ships, aeroplanes, &c.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	93	Gas works and electric light	17	..	..	..	..	..	..	..	..	..	..	..	6	..	..	1
	94	Printers, lithographers, engravers, &c.	45	6	1	..	..	..	..	..	1	..	..	1	17	..	..	1
18	95-97	Book-binders, makers of musical instruments, clocks, &c.	37	5	..	..	..	..	..	..	1	..	..	1	13	..	..	1
	98-100	Workers in jewellery, necklaces, toys, &c.	38	5	2	..	..	..	..	..	1	1	..	..	9	..	..	..
	101-102	Employees (not actors) in theatres, race-courses, contractors, &c.	9	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
	103	Sweepers, scavengers, &c. ..	114	3	3	..	..	..	..	..	..	..	..	2	46	1	2	2
		IV.—TRANSPORT.																
19	104	Persons (not makers) concerned with aerodromes and aeroplanes.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	105-110	Persons employed in transport by water.	106	10	1	..	..	1	..	..	2	2	..	3	39	..	1	4
21	111-112	Persons employed on construction, &c., of roads and bridges.	10	3	..	..	..	..		..	..	..	..	..	4	..	..	..
	113-114	Managers and employers connected with vehicles.	59	5	2	..	..	..	..	..	1	2	..	1	21	..	4	..
	115-116	Bullocks, ass, etc., owners and drivers	33	13	3	..	..	..	..	..	2	..	..	..	24	..	1	..
	117	Porters and messengers	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	118	Railway employees (other than labourers).	66	2	3	..	..	..	..	..	3	..	..	3	22	..	3	4
	119	Labourers and coolies of railways ..	56	3	..	..	..	..	..	..	2	..	..	..	26	..	..	3
2	120	Post, Telegraph and Telephone services.	18	4	..	..	..	..	..	..	..	..	..	..	5	..	..	1

* Excluding intervening numbers in preceding columns.

OCCUPATIONS at different Age-Periods in 1933.

DEATH.					AGE PERIOD.														Death rate per 1,000 of actual workers by the Census of 1931.	Population by the Census of 1931.
129	128-142	165-174	175-203		Under 15 years.		15—25 years.		25—35 years.		35—45 years.		45—55 years.		55—65 years.		65 years and upwards.			
Bright's Disease.	Other Diseases of the Urinary System.	Suicide.	Accidents.	All other Causes.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Actual workers.
..	2	1	7	69	..	..	24	4	24	5	22	4	25	3	24	..	15	..	18·2	8,237
..	1	..	5	18	..	..	1	..	5	2	11	..	6	..	5	..	7	1	15·5	2,453
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	86
..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	45·4	22
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2·1	969
1	..	3	11	139	..	..	75	22	59	23	44	8	23	8	21	8	8	..		1,14,959
..	..	..	..	2	..	..	1	..	1	..	..	..	..	..	1	..	..	..		77
..	..	..	..	1	..	..	1	..	1	..	1	..	2	..	..	..	..	..		82
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1		24
..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	7·6	12
..	..	..	..	2	..	..	3	..	1	..	3	..	1	..	..	..	1	..		934
1	2	7	23	246	..	..	94	26	136	36	105	19	62	11	46	11	17	3		445
..	1	..	..	6	..	..	3	1	5	2	5	..	4	..	5	..	3	1	21·4	1,354
2	1	..	5	42	..	..	17	..	20	2	23	2	19	1	20	3	15	4	19·6	6,418
..	..	..	3	18	..	..	8	..	13	..	10	..	6	..	4		5	1	30·3	1,550
..	..	2	1	5	..	..	4	..	7	..	4	..	3	..	1	..	..	..	70·9	282
..	..	..	1	6	..	..	4	..	6	..	4	..	9	1	1	..	●	..	20·3	1,330
..	..	..	..	1	..	..	..	..	2	..	1	..	..	..	..	..	1	..	78·4	51
..	..	..	..	3	..	..	1	1	..	..	1	..	2	1	..	..	1	..	10·5	667
..	..	..	3	..	..	..	2	..	..	1	1	..	..	..	..	..	..	..	41·7	96
..	1	..	2	1	..	..	1	..	3	1	..	..	2	..	..	..	..	..	98·6	71
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	62·5	16
..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	125·0	16
..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	12·5	240
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..		
..	..	..	1	16	..	..	5	1	6	..	5	..	9	..	4	..	5	1	15·6	2,299
2	..	..	3	4	..	..	5	..	2	..	4	..	3	..	4	..	3	..	49·8	422
..	..	..	3	41	..	..	12	9	13	18	8	7	6	4	1	6	1	6	241·4	377
2	1	1	6	41	..	..	20	..	20	..	26	2	30	1	17	..	17	..	8·2	16,122
3	..	..	2	30	..	..	7	..	17	4	16	3	13	1	7	1	9	..	13·9	5,588
1	1	1	1	21	..	..	7	..	18	..	10	..	4	..	5	..	4	..	15·6	3,068
1	..	..	..	6	..	..	..	..	4	..	5	..	..	..	4	..	3	..	13·6	1,179
1	..	..	3	6	..	..	3	..	3	..	8	..	7	..	6	1	5	..		
..	..	1	1	11	..	..	3	..	9	..	13	..	5	..	8	..	1	..	21·3	3,371
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1·3	771
1	..	1	2	6	..	..	..	..	9	..	3	..	3	..	1	..	1	..	14·1	1,205
..	..	3	1	14	..	..	6	..	15	..	9	..	6	..	3	..	6	..	20·7	2,171
..	..	1	2	14	..	..	5	..	5	..	10	..	8	..	5	..	4	..	40·5	914
..	..	..	2	17	..	..	3	..	8	..	8	..	7	..	5	..	7	..	16·4	2,316
..	1	..	1	6	..	..	1	..	1	..	2	..	1	..	1	..	3	..	4·8	1,889
..	..	1	3	51	..	..	8	3	17	8	17	11	16	4	16	5	6	3	19·0	5,996
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	45
1	2	1	9	30	..	..	12	..	36	..	24	..	16	1	9	..	8	..	5·0	20,996
..	..	..	..	3	..	..	1	..	1	..	4	..	3	..	..	..	1	..	8·2	1,222
2	..	1	4	16	..	..	6	..	20	1	13	..	13	..	2	..	4	..	670·4	88
..	..	1	2	37	..	..	7	..	24	..	20	..	16	..	7	..	9	..	9·5	8,714
1	..	2	2	5	..	..	..	..	4	..	..	..	3	..	1	..	..	..	1·6	4,953
1	..	2	2	21	..	..	7	..	16	..	17	1	12	..	9	..	4	..	6·5	10,152
..	..	..	3	19	..	..	4	..	18	..	21	..	10	..	2	..	1	..	17·5	3,192
..	..	..	1	7	..	..	2	..	4	..	2	..	8	..	2	..	..	..	13·2	1,366

TABLE of DEATHS by CAUSES and

Number of		Nature of Occupation.	CAUSES OF																
			1-205	31	43-49	61	52 (3)	57	66	67 (1)	70-86	90 (1-4)	91A.	87-89*	97-107	118	120-124	108-127*
Order.	Groups.		All Causes.	Tuberculosis of Respiratory System.	Cancer Malignant Disease.	Rheumatic Fever.	Gout.	Diabetes.	Alcoholism.	Plumbism (Lead Poisoning).	Disease of the Nervous System.	Valvular Disease of the Heart.	Aneurism.	Other Diseases of the Circulatory System.*	Disease of the Respiratory System.	Hernia.	Disease of the Liver.	Other Diseases of the Digestive System.*
		V.—TRADE.																
24-25	121-122	Bank managers, money lenders, brokers, agents, &c., and employees.	114	4	7	..	..	2	..	..	5	3	...	8	38	..	1	4
26-31	123-128	Traders (not makers) in various wares.	60	7	4	..	..	1	..	..	4	..	..	5	12	..	..	3
32	129-130	Venders of wine, liquors, aerated waters, hotel managers and servants.	191	22	4	..	..	2	..	..	8	2	..	3	50	1	2	5
33	131-139	Dealers in food-stuffs, fish, milk, oil, sugar, &c.	257	16	5	..	..	..	..	..	4	2	..	9	85	1	2	7
34-36	140-143	Trade in clothing, toilet, furniture, building materials.	55	2	1	..	..	..	..	..	3	1	..	6	15	..	1	1
37	144-146	Trade in means of Transport, hirers of horses, &c.	8	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..
38	147	Dealers in firewood, charcoal and other fuel.	31	4	..	..	..	..	..	..	..	1	..	..	8	..	1	1
39	148-150	Dealers in jewellery, bangles, books, stationery, &c.	34	1	1	..	..	1	..	..	5	..	..	2	6	..	2	..
40	151	Dealers in rags, stable refuse, &c. ..	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	152-153	Store and shopkeepers not defined, pedlars and hawkers.	310	38	8	..	..	..	..	..	10	4	1	7	111	..	3	8
	154	All other Trades	96	7	4	..	..	..	..	..	6	..	..	2	31	..	1	2
		VI.—PUBLIC FORCE.																
41	155-156	Army	8	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..
42	157	Navy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	158	Air Force	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44	159-160	Police and village watchmen	30	5	..	..	..	..	.	..	2	..	..	2	7	..	..	1
		VII.—PUBLIC ADMINISTRATION.																
45	161-164	Service of the State, Indian, Foreign and Municipal not assigned to any other group.	25	3	2	..	..	..	..	..	2	1	..	2	5	..	1	1
		VIII.—PROFESSIONS AND LIBERAL ARTS.																
46	165	Priests, ministers, &c.	55	4	2	..	..	1	..	..	4	..	..	2	13	..	1	2
	166	Religious mendicants, inmates of monasteries, &c.	53	5	..	..	..	..	..	..	..	1	..	2	13	..	..	..
	167-168	Church and mission, temple, burial or burning ground service.	8	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..
47	169-170	Lawyers, all kinds and their clerks ..	14	..	..	..	..	2	..	..	1	..	..	3	..	..	..	1
48	171	Medical practitioners, all kinds of veterinary surgeons, dentists.	23	..	1	..	..	3	..	..	..	1	..	5	1	..	1	..
	172	Midwives, vaccinators, compounders, nurses.	11	..	..	..	..	..	..	..	1	..	..	2	1	..	..	..
49	173-174	Professors, teachers and educational clerks.	39	2	2	..	..	1	..	..	4	..	..	5	11	..	..	..
50	175-179	Scribes, architects, authors, editors, music composers, &c.	49	3	1	..	..	1	..	..	1	..	..	3	17	..	..	..
		IX.—PERSONS LIVING PRINCIPALLY ON THEIR INCOME.																
51	180	Persons living on rent, watans, pensions, &c.	234	6	6	..	..	4	..	..	19	2	1	15	54	2	1	7
		X.—DOMESTIC SERVICE.																
52	181-183	Cooks, doorkeepers, grooms, motor drivers, &c.	329	35	4	2	..	4	..	..	9	7	1	9	87	..	2	15
		XI.—INSUFFICIENTLY DESCRIBED OCCUPATIONS.																
53	184	Manufacturers, businessmen unspecified.	48	1	2	..	..	2	..	..	2	1	..	4	12	..	..	1
	185	Cashiers, accountants, clerks otherwise unspecified.	295	25	16	1	..	7	..	..	15	3	..	21	75	..	4	10
	186	Mechanics otherwise unspecified ..	89	24	3	..	..	..	..	..	2	2	..	2	17	1	3	3
	187	Labourers and workmen otherwise unspecified.	774	84	4	..	..	1	..	..	11	8	1	7	268	1	5	15
		XII.—UNPRODUCTIVE.																
54	188	Inmates of jails, asylums, hospitals and alms houses.	10	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
55	189	Beggars and vagrants	159	20	..	..	..	..	..	..	3	2	..	3	44	1	2	1
	190	Procurers and prostitutes	9	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..
	191	Earners who refused to return their occupations.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Other unclassified unproductive occupation.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
		Children and others following no occupation.	21,236	828	118	12	..	33	1	..	965	38	12	123	7,233	8	162	875
		TOTAL ..	27,174	1,376	228	15	..	73	1	..	1,144	91	19	290	9,102	19	224	1,034

* Excluding intervening numbers in preceding columns.

—concluded.

OCCUPATIONS at different Age-Periods in 1938—*concluded.*

DEATH.					AGE PERIOD.														Death rate per 1,000 of actual workers by the Census of 1931.	Population by the Census of 1931.
129	138-142	165-174	175-203		Under 15 years.		15—25 years.		25—35 years.		35—45 years.		45—55 years.		55—65 years.		65 years and upwards.			
Bright's Disease.	Other Diseases of the Urinary System.	Suicide.	Accidents.	All other Causes.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Actual workers.
1	..	3	..	38	..	..	9	..	15	..	23	..	33	..	25	..	9	..	18·4	8,523
2	..	1	1	20	..	..	6	..	11	..	6	..	14	..	11	..	12	..	23·8	2,516
1	1	3	9	78	..	..	47	1	58	3	29	1	30	..	11	1	9	1	18·7	10,183
3	..	3	6	114	..	..	29	5	48	14	45	4	44	8	25	6	23	6	20·5	12,549
3	1	..	2	19	..	..	6	..	7	..	10	..	10	..	15	1	6	..	25·5	2,160
..	..	..	..	4	..	..	2	..	..	..	3	..	..	1	1	..	1	..	20·8	384
2	..	..	..	14	..	..	1	1	2	..	10	..	4	..	7	..	6	..	52·3	532
1	1	..	..	14	..	..	2	..	5	..	2	..	13	..	7	..	5	..	35·0	970
..	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	1	1	..	200·0	15
3	..	4	9	104	..	..	48	2	62	8	64	7	43	4	36	7	23	6	6·8	45,323
..	2	1	1	39	..	..	5	..	20	3	24	1	19	..	15	..	8	1	52·8	1,819
..	..	1	1	3	..	..	..	..	7	..	1	..	..	..	..	..	..	..	2·6	3,053
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	674
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
..	..	1	3	9	..	..	3	..	11	..	12	..	3	..	1	..	..	..	5·7	5,299
2	..	..	1	5	..	..	2	1	5	..	1	..	10	..	3	..	3	..	0·8	32,284
3	..	..	..	23	..	..	7	..	7	..	5	..	11	..	11	..	13	1	47·6	1,155
1	..	..	6	25	..	..	2	..	9	..	9	1	9	..	7	..	14	2	63·4	836
..	..	..	..	4	..	..	1	1	1	..	..	..	..	..	2	..	3	..	9·9	804
..	..	..	..	5	..	..	..	..	3	..	1	..	3	..	6	..	1	..	8·1	1,731
2	1	..	..	8	..	..	1	..	3	..	3	..	8	..	2	..	6	..	11·0	2,080
..	..	3	..	4	..	..	2	..	1	3	1	1	..	1	..	1	1	..	6·5	1,684
..	..	..	2	12	..	..	2	2	7	1	6	3	6	3	6	..	3	..	9·9	3,937
2	..	..	2	19	..	..	4	1	8	..	14	..	12	..	7	..	3	..	6·3	7,749
8	5	1	5	98	..	..	2	..	11	1	10	5	22	3	56	5	109	10	126·2	1,854
	2	6	22	120	..	..	45	13	62	9	60	17	42	14	28	10	20	9	8·2	40,259
..	1	1	3	18	..	..	2	..	12	..	9	..	13	..	6	..	6	..	7·2	6,630
7	4	4	8	95	..	..	29	1	64	2	72	..	56	..	50	..	21	..	5·6	52,424
2	..	3	2	25	..	..	12	..	21	..	26	..	15	..	6	..	3	1	17·8	4,985
6	4	8	52	299	..	..	124	14	193	23	166	22	101	6	75	5	31	9	12·5	61,956
..	..	..	1	7	..	..	..	1	1	3	3	..	1	..	..	..	..	1	48·1	208
3	..	..	28	57	..	..	4	4	18	9	26	3	23	5	22	11	13	16	31·1	5,104
..	..	..	1	5	..	..	..	2	..	4	..	3	..	..	..	..	..	..	7·8	1,150
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,116
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	363
119	83	53	289	10,284	7,370	6,963	396	1,051	394	1,103	311	622	314	483 569	319	584	445	876	35·5	5,98,341
195	118	125	565	12,555	7,370	6,963	1,159	1,167	1,626	1,290	1,436	747	1,230	569	1,007	668	981	961	23·4	11,61,383

TABLE of VACCINATION OPERATIONS performed in the City of Bombay in the year 1933.

Ward.	SECTION.	Estimated Population in the middle of the year.	Number of Depôts in each District.	Number of Vaccinators in each District.	Number of persons Vaccinated (including Primary and Re-vaccinations)			Primary Vaccinations.								Percentage of successful primary vaccinations whose results were known.	Total Number of Re-vaccinations.	Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the last 5 years.		Average annual number of deaths from Small-pox during the preceding 5 years.	
								Total.			Successful.											
					Males.	Females.	Total.	Males.	Females.	Total.	Under one year.	Between one and six years.	6 years and above.	Total.	Unknown.				Number.	Ratio per 1,000 population.	Number.	Ratio per 1,000 population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
A	Upper Colaba	436	1		4,773	2,531	7,304	216	218	434	257	112	3	372	62	100·0	6,870	18·2	371	18·2	8	0·39
	Middle and Lower Colaba	19,954																				
	Fort, South	3,495		1	7,878	3,740	11,618	611	666	1,277	736	317	13	1,066	208	99·72	10,341	36·4	594	20·3	22	0·75
	Fort, North	25,832	1																			
	Esplanade	14,303			3,090	2,834	5,924	152	142	294	188	72	...	260	34	100·0	5,630	18·2	195	13·6	9	0·63
B	Mandvi	41,706	1		5,320	3,331	8,651	630	545	1,175	661	296	7	964	206	99·48	7,476	23·1	392	9·4	15	0·36
	Chukla	18,037		1	4,514	2,430	6,944	520	436	956	508	275	5	788	168	100·0	5,988	43·1	402	22·3	5	0·28
	Umarkhadi	41,594	1		6059	3,704	9,763	872	828	1,700	921	479	12	1,412	288	100·0	8,063	33·9	952	22·9	18	0·43
	Dongri	13,028			3,281	2,299	5,580	396	316	712	380	207	3	590	122	100·0	4,868	45·3	329	25·3	4	0·31
C	Market	38,651			8,172	6,017	14,189	809	808	1,617	813	479	10	1,302	309	99·54	12,572	33·7	561	14·5	22	0·60
	Dhobi Talao	44,372	1		10,554	6,297	16,851	652	648	1,300	681	367	4	1,052	239	99·15	15,551	23·7	771	17·4	42	0·95
	Fanaswadi	32,077		1	5,689	5,122	10,811	379	354	733	398	228	5	631	102	100·0	10,078	19·7	515	16·1	27	0·84
	Bhuleshwar	35,106			6,939	5,707	12,646	608	599	1,207	652	339	5	996	203	99·20	11,439	28·4	525	15·0	28	0·80
	Khara Talao	23,243	1		2,686	2,229	4,915	395	357	752	404	221	4	629	116	98·90	4,163	27·0	456	19·6	13	0 56
	Kumbharwada	32,027			3,369	2,135	5,504	356	334	690	312	238	4	554	136	100·0	4,814	17·3	460	14·4	33	1·03
D	Khetwadi	39,307	1		7,952	6,541	14,493	983	1,015	1,998	1,220	423	13	1,656	335	99·58	13,495	42·1	798	20·3	29	0·74
	Girgaum	38,786			8,747	5,315	14,062	780	711	1,491	874	343	5	1,222	265	99·67	12,571	31·5	892	23·0	22	0·57
	Choupati	16,197		1	3,376	2,552	5,928	282	279	561	282	173	2	457	101	99·57	5,367	28·3	323	19·9	7	0·43
	Walkeshwar	22,734	1		3,673	2,769	6,442	377	331	708	363	225	3	591	117	100·0	5,734	26·0	267	11·7	4	0·18
	Mahalakshmi	36,569			3,598	2,584	6,182	436	381	817	469	218	5	692	124	99·86	5,365	19·0	675	18·5	23	0·63
E	Mazagon	43,153	2		4,133	3,284	7,417	591	532	1,123	571	303	6	880	239	99·55	6,294	20·4	525	12 2	31	0·72
	Tarwadi	40,338		1	4,815	2,965	7,780	537	458	995	511	268	1	780	210	99·36	6,785	19·3	620	15·4	27	0·67
	2nd Nagpada	21,032			1,971	1,434	3,405	271	246	517	227	176	4	407	108	99·51	2,888	19·4	306	14·5	21	1·00
	Kamathipura	37,571	2		3,932	2,483	6,415	496	392	888	432	269	6	707	173	98·88	5,527	18·8	529	14·1	53	1·41
	Tardeo	31,748			3,681	2,867	6,548	494	420	914	485	232	4	721	187	99.17	5,634	22·7	576	18·1	27	0·85
	Byculla	91,985	2	1	11,346	9,478	20,824	848	804	1,652	866	383	9	1,258	388	91·53	19,172	13·7	1,075	11·7	73	0·79
	1st Nagpada	7,223			1,364	1,039	2,403	156	135	291	166	73	2	241	49	99·59	2,112	33·4	154	21·3	3	0.42
F	Parel	63,560	2		7,394	6,210	13,604	734	744	1,478	867	353	2	1,222	263	100·0	12,126	19·2	926	14 5	42	0·66
	Sewri	26,756		1	1,797	1,398	3,195	314	273	587	367	144	3	514	72	99·81	2,608	19·2	418	15·6	12	0·45
	Sion	69,198	2		4,889	5,542	8,431	1,050	927	1,977	1,266	437	14	1,717	251	99.47	6,454	24·8	1,277	18·5	48	0·69
G	Mahim	49,244			6,861	4,970	11,831	1,246	1,260	2,506	1,581	447	24	2,052	443	99·47	9,325	41·6	1,717	34·9	37	0·75
	Worli	114,531	3	1	4,877	3,423	8,300	754	840	1,594	1,043	358	6	1,407	178	99·36	6,706	12·3	1,533	13·4	89	0·78
	Harbour, Docks, Railway, Homeless	27,590			5,638	2,943	8,581	272	223	495	211	73	4	288	207	100·0	8,086	10·4	147	5·3	3	0·11
	Total ...	1,161,383	21	9	1,62,368	114173	2,76,541	17,217	16,222	33,439	18,712	8,528	188	27,428	5,903	99·61	2,43,012	23·62	19,278	16·6	797	0·69

Return of Vaccination by the Superintendent of Vaccination, Bombay, for the year 1933.

Public Vaccine Station.	PRIMARY VACCINATIONS.																								RE-VACCINATIONS.			
	Sex.			Caste.					Age.					Result.											Sex.		Results.	
														Under 1 year.			1 to 6 years.			6 years and upwards.			Total results.							
	Male.	Female.	Total.	Christians.	Hindus.	Mussalmans.	Parsees.	Other Castes.	Under 6 months.	6 to 12 months.	Total under 1 year.	1 to 6 years.	6 years and upwards.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Successful.	Unsuccessful.	Unknown.	Total.	Male.	Female.	Unknown.	Total.
1933.																													
January ...	4,386	4,011	8,397	939	5,783	711	233	731	2,055	2,756	4,811	3,519	67	3,981	8	822	2,826	1	692	47	...	20	6,854	9	1,534	8,397	44,942	33,123	78,065	78,065
February ...	4,994	4,678	9,672	413	5,679	2,468	205	907	2,878	2,924	5,802	3,714	156	4,362	8	1,432	2,665	7	1042	77	...	79	7,104	15	2,553	9,672	75,299	45,036	120335	120335
March ...	1,567	1,482	3,049	282	1,777	520	84	386	1,302	833	2,135	876	38	1,515	16	604	622	1	253	19	1	18	2,156	18	875	3,049	19,139	14,085	33,224	33,224
April ...	478	445	923	59	632	76	20	136	413	272	685	219	19	531	6	148	175	..	44	19	..	..	725	6	192	923	3,068	1,825	4,893	4,893
May ...	380	420	800	39	549	72	14	135	331	241	572	209	19	422	3	147	153	1	55	5	..	14	580	4	216	800	1,454	949	2,403	2,403
June ...	327	296	623	40	374	50	21	130	223	266	489	132	2	442	3	44	124	1	7	2	..	..	568	4	51	623	370	214	584	584
July ...	445	429	874	40	537	75	33	189	284	440	724	148	2	666	7	51	137	1	10	2	..	..	805	8	61	874	427	143	570	570
August ...	517	475	992	57	638	119	32	146	269	530	799	187	6	763	4	32	178	..	9	6	..	..	947	4	41	992	273	87	360	360
September...	571	567	1,138	42	816	144	23	113	245	668	913	224	1	873	5	35	208	2	14	1	..	..	1,082	7	49	1,138	252	65	317	317
October ...	571	585	1,156	80	776	181	20	99	229	670	899	257	...	847	5	47	246	2	9	..	..	..	1,093	7	56	1,156	455	135	590	590
November..	1,333	1,293	2,626	137	1,872	416	101	100	608	1,473	2,081	539	6	1,985	9	87	500	5	34	4	2	..	2,489	16	121	2,626	601	281	882	882
December ...	1,648	1,541	3,189	70	2,554	366	110	89	762	1,685	2,447	735	7	2,325	5	117	694	4	37	6	1	.	3,025	10	154	3,189	647	232	879	879
	17,217	16,922	33,439	2,206	21,978	5,198	896	3,161	9,599	12,758	22,357	10,759	323	18,712	79	3,566	8,528	25	2206	188	4	131	27,428	108	5,903	33,439	146927	96,175	243102	243102
Grand Total	33,439			33,439					22,357		33,439			22,357			10,759			323			33,439				2,43,102		2,43,102	

N. B.—The statement includes the number of vaccinations performed by Private Medical Practitioners.

21

TABLE of Births registered and Vaccinations under one year of age performed in the year 1933.

Ward.	SECTIONS.	Total number of births exclusive of still-born.	Deaths under one year.	Number of Infants surviving.	Number of Infants vaccinated under one year.	Percentage of vaccinations to births registered.
A	Upper Colaba	102	16	86	290	52.5
	Middle and Lower Colaba	450	88	362		
	Fort, Southern	42	1	41	841	105·4
	Fort, Northern	756	156	600		
	Esplanade	492	73	4 9	212	43·1
B	Mandvi	789	225	564	786	99·6
	Chuckla	445	88	357	604	135·7
	Umarkhadi	1,357	312	1,045	1,087	80·
	Dongri	476	92	384	461	96·8
C	Market	855	231	624	966	113·0
	Dhobi Talao	1,125	300	825	829	73·7
	Fanaswadi	893	212	681	455	51·0
	Bhuleshwar	861	223	638	772	89·7
	Khara Talao	616	143	473	468	76·6
	Kumbharwada	733	252	481	385	52·5
D	Khetwadi	1,203	285	918	1,436	119·4
	Girgaum	1,154	281	873	1,046	90·6
	Chowpati	546	75	471	340	62·3
	Walkeshwar	455	70	385	419	92·1
	Mahalakshmi	886	250	636	538	60·7
E	Mazagon	871	256	615	712	81·7
	Tarwadi	1,462	343	1,119	662	46·6
	Second Nagpada	442	114	328	289	65·4
	Kamathipura	895	310	585	553	61·8
	Tardeo	739	237	502	615	83·2
	Byculla	1,933	850	1,083	1,112	57·5
	First Nagpada	207	38	169	199	96 1
F	Parel	1,928	472	1,456	1,025	53·2
	Sewri	687	259	428	410	59·7
	Sion	2,216	531	1,685	1,431	64·6
G	Mahim	1,684	436	1,248	1,897	112·6
	Worli	3,626	1,039	2,525	1,168	41·8
	Harbour, Docks, Railways and Unknown	...	62	..	349	
	Total	30,926	8,320	22,606	22,357	72·3

22

SUMMARY of Sanitary Inspections made and Sanitary Improvements secured by the S. M. Is., J. M. Is. and Medical Assistants in 1933.

	No. of Inspections, etc., by	
	S. M. Is. and J. M. Is.	Medical Assistants.
A—Nature of Inspection or premises visited—		
1. Dwelling Houses	9,129	19,082
2. Milch Cattle Stables	1,615	4,733
3. Other Stables	1,040	3,608
4. Dairies and Milkshops	5,163	4,115
5. Eating Houses	8,111	16,994
6. Markets	..	..
7. Other premises where food is sold	3,380	3,729
8. Ærated Water Works	46	72
9. Other Workshops and Factories	5,300	9,981
10. Accumulations of Refuse	2,103	4,706
11. Building Works	..	..
12. Drains and Fittings	12,643	24,420
13. Other Inspections and Inquiries	8,760	22,308
Total No. of Inspections	57,290	1,13,756
B—Works, etc., completed—		
1. Dwellings—		
(*a*) Limewashed	795	1,278
(*b*) Water supply provided	14	32
(*c*) Overcrowding abated	..	2
(*d*) Insanitary dwellings evacuated	531	519
2. Stables—		
(*a*) Paved and drained	83	23
(*b*) Cleaned and refuse removed	79	264
(*c*) License cancelled	3	..
3. Eating Houses, Dairies, etc.—		
(*a*) Regulations enforced	750	1,181
(*b*) Licenses cancelled	..	5
4. Factories and Workshops— Limewashing, etc., carried out	147	106
5. Drains, etc., repaired	2,472	4,661
6. Privies abolished	1,005	1,357
7. New W.Cs. provided	1,218	1,552
8. Accumulation of Refuse removed	627	1,315
9. Other Works completed	1,438	1,589
Total Sanitary Work completed	9,162	13,884

Meteorological Data (Government Observatory, Colaba), Latitude 18°-53′-36″ North, Longitude 72°-48′-56″ East.

Months.	Wind.		Temperature.						Humidity at 8 Hours.		Rainfall.						
	Direction.	Mean Velocity in Miles per hour.	Mean Maximum Temperature.	Departure from Normal.	Highest in Month.	Mean Minimum Temperature.	Departure from Normal.	Lowest in Month.	Mean.	Departure from Normal.	Total in the Month.	Departure from Normal.	Heaviest fall in one day.		Minimum fall in one day.		Numbers of rainy days.
													Inches.	Date.	Inches.	Date.	
1933.			°	°	°	°	°	°	%	%	Inches.	Inches.					
January	N.N.E.	5·9	85·7	+3·1	91·5	67·6	+1·2	56·5	68	...	0.00	−0·09	.....	.....	.....	.....	...
February	N.	6·0	83·4	+0·6	88·6	68·6	+1·6	65·5	69	+1	0·00	—0·06	.....	...	.....	.....	...
March	N. N.W.	6·5	88·6	+2·9	99·7	73·0	+1·4	69·4	68	—4	0·00	—0·04	.....	.....	.....	.....	...
April	N. W.	7·1	90·5	+2·1	94·4	77·8	+2·0	73·2	71	—3	0·00	—0·04	.....	.....	.....	.....	...
May	W.N. W.	6·8	91·1	+0·4	93·3	79·7	+0·5	74·2	74	..	3·23	+2·55	0·97	16th	0·02	28th	10
June	W.S.W.	8·3	88·5	+0·3	91·8	79·0	+0·7	75·8	80	—1	9·91	—9·77	1·35	21st	0·01	4th	23
July	W.N. W.	9·1	87·3	+2·1	91·0	78·6	+2·3	73·6	81	—4	15·69	—8·26	3·54	30th	0·01	21st	25
August	W.N. W.	7·6	85·3	+0·5	88·4	76·7	+1·0	74·0	83	—1	17·25	+4·04	5·28	1st	0·01	17th	26
September	W.N. W.	7·4	86·2	+1·2	92·1	76·4	+1·1	74·1	83	...	12·42	+2·13	2·32	10th	0·01	21st	20
October	N.N. E.	5·7	90·0	+1·4	94·2	75·9	+0·7	72·4	75	—3	2·93	+0·87	1·68	6th	0·02	1st	8
November	N. E.	5·7	90·2	+1·2	93·7	74·0	+2·0	71·8	70	..	0·01	—0·38	0·01	19th	0·01	19th	1
December	N.N. E.	6·2	86·0	—0·4	90·9	69·6	+1·1	64·9	67	—1	0·93	+0·88	0·69	20th	0·03	18th	3

INDEX.

	Page
Administration and Divisions of the City	41
Adulteration of Food	46
Analyst, Municipal, Annual Report of	63
Appendix—Supplementary Reports and Tables	51
Area and Population	1
Arthur Road Hospital—Annual Report	51
Basket Privies	47
Births and Birth-rates	2
„ by Months	3
„ „ Races	3
Causes of Deaths	4
Certificates of the Cause of Death	4
Cholera	23
Conservancy	41
Consumption	24
Deaths and Death-rate	3
„ by Months	6
„ „ Occupation	7
„ „ Sections	7
„ „ Sex and Age	3
„ —Causes of	4
„ from Principal Causes	5
Disinfection	39
Dispensaries—Municipal	40
Dogs—Destruction of	44
Epidemic Diseases	19
Food—Seizure of and Adulteration	45
Hospitals—Isolation	51 & 58
Housing	47
Infant Mortality	7
Infant Mortality—Prevention of	11
Infant Welfare Centres	15
Infectious Diseases	19
Influenza	23
Legal Proceedings	46
Malaria, Ague and Remittent Fevers	26
Malaria—Anti-Malarial Work	27
Maratha Hospital—Annual Report	58
Maternal Mortality	15
Maternity Homes	12
Medical Relief	40
Meteorology of 1933	15
Midwives—Municipal	11
Milk—Adulteration of	44

	PAGE.
Milk Supply	44
Notice under Municipal Act	45
Notification of Infectious Diseases	19
Nurses—Municipal	11
Phthisis	24
Plague	19
Population	2
Prosecution	46
Review of the year	1
Sanitary Inspection	47
Small-pox	20
Still-births	3
Tuberculosis	24
Vaccination	23
Vaccination—Report of the Superintendent	71
Venereal Diseases	37
Water Supply	46

00133783

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020